

SERVICE MANUAL

SV-DVD1E

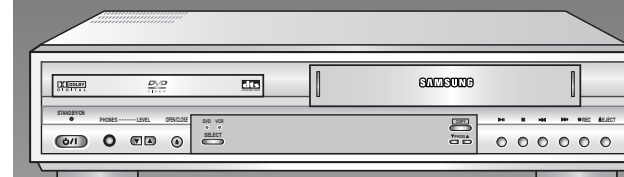


DVD-VCR COMBINATION SV-DVD1E

SERVICE Manual

For mechanical disassembly and adjustment, refer to the "Mechanical Manual" (DX-9R → AC68-00001A).

DVD-VCR COMBINATION



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1. Precautions

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including : control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people--particularly children -- might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (See Fig. 1-1) :
Warning : Do not use an isolation transformer during this test. Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

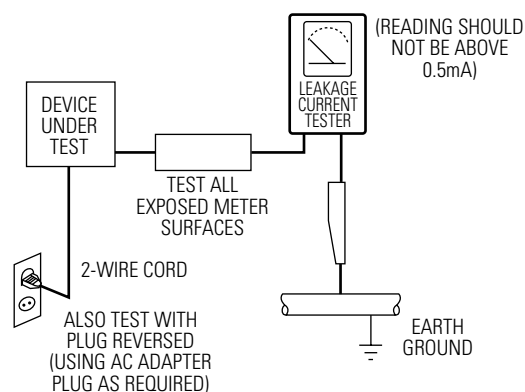




Fig. 1-1 AC Leakage Test

5. With the unit completely reassembled, plug the AC line cord directly the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including : antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.
6. Antenna Cold Check :
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong.
Connect the other lead to the coaxial connector.
7. Some semiconductor ("solid state") devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
8. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging Wrist-strap device. (Be sure to remove it prior to applying power--this is an electric shock precaution.)
9. Design Alteration Warning :
Never alter or add to the mechanical or electrical design of this unit. Example : Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
10. Never defeat any of the B+ voltage interlocks.
Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

11. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.
12. Observe the original lead dress, especially near the following areas : Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
13. Product Safety Notice :
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading, ( or ).

Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Handling the optical pick-up

The laser diode in the optical pick up may suffer electrostatic breakdown because of potential static electricity from clothing and your body.

The following method is recommended.

- (1) Place a conductive sheet on the work bench (The black sheet used for wrapping repair parts.)
 - (2) Place the set on the conductive sheet so that the chassis is grounded to the sheet.
 - (3) Place your hands on the conductive sheet (This gives them the same ground as the sheet.)
 - (4) Remove the optical pick up block
 - (5) Perform work on top of the conductive sheet. Be careful not to let your clothes or any other static sources to touch the unit.
- ◆ Be sure to put on a wrist strap grounded to the sheet.
 - ◆ Be sure to lay a conductive sheet made of copper etc. Which is grounded to the table.

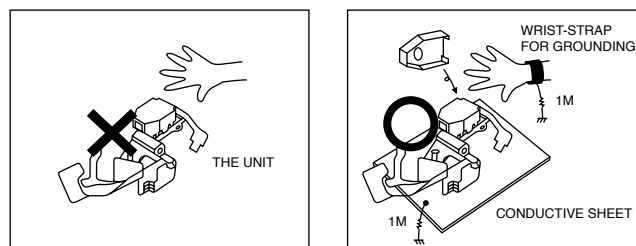


Fig.1-2

- (6) Short the short terminal on the PCB, which is inside the Pick-Up ASS'Y, before replacing the Pick-Up. (The short terminal is shorted when the Pick-Up Ass'y is being lifted or moved.)
- (7) After replacing the Pick-up, open the short terminal on the PCB.

1-3 DVD Deck disassembly and reassembly

1-3-1 Disassembly

- 1) Remove the power cable.
- 2) Switch SW3 on Deck PCB to "OFF" before removing the Flat-Cable.
(Inserted into DVD Main PCB DCN1. See Fig. 1-3)
- 3) Disassemble the Deck.
- 4) Disassemble the Deck PCB.

1-3-2 Assembly

- 1) Replace the Pick-up.
- 2) Assemble the Deck PCB.
- 3) Reassemble the Deck.
- 4) Insert Flat-Cable into DVD Main PCB DCN1 and switch SW3 on Deck PCB to "ON". (See Fig 1-3)

Note : If the assembly and disassembly are not done in correct sequence, the Pick-up may be damaged.

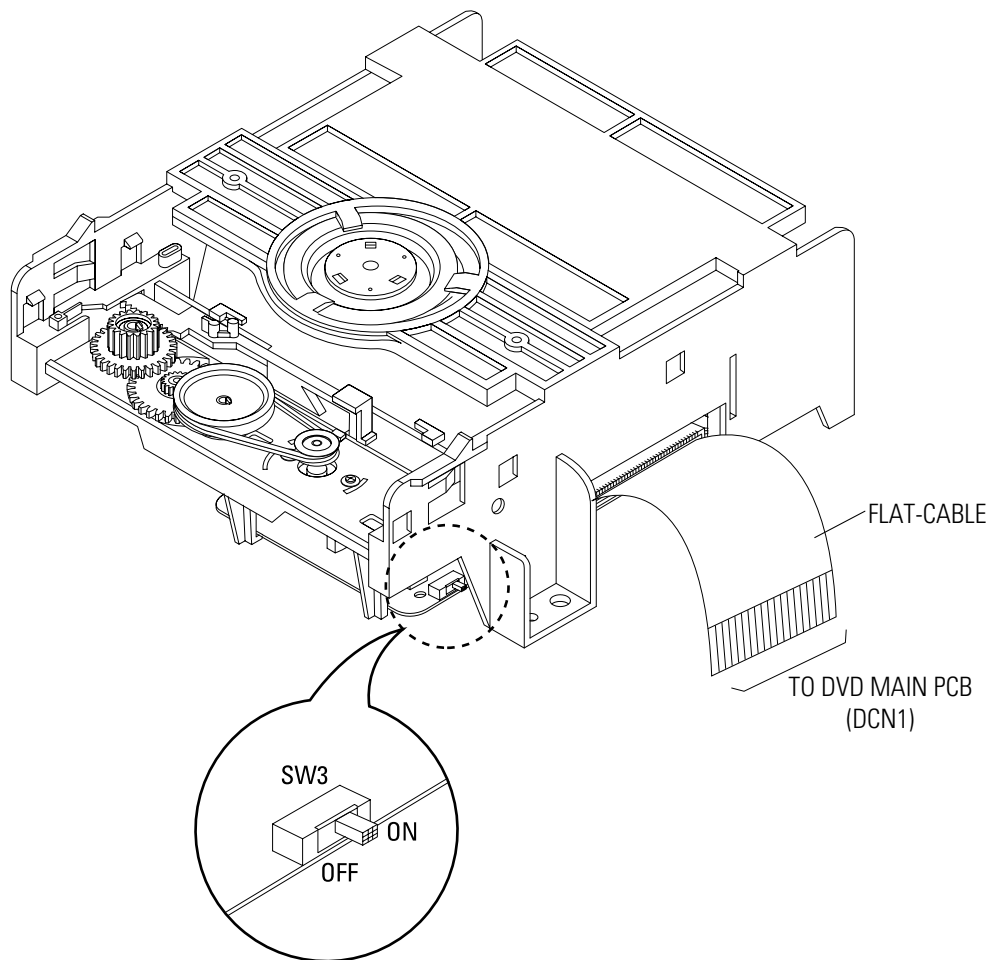


Fig. 1-3

2. Product Specifications

GENERAL	Power Requirements	AC 100-240V, 50/60Hz
	Power Consumption	32Watts
	Weight	5.6kg
	Dimensions	W 430mm x D 357mm x H 100mm
	Operating ambient Temperature	+5°C ~ +35°C
	Installation conditions	Operation position : Horizontal,
		Relative humidity : Below 75%
INPUT	Video input (Rear)	RCA jack : 1.0Vp-p (unbalanced) 75Ω
	Audio input (Rear)	RCA jack : -8dBm, 47Kohm unbalanced
OUTPUT	RF out	UHF 21-69 (Initial CH36)
	Audio (DVD, VCR)	Headphones, RCA jack, Euro Scart socket
	Audio (DVD only)	Digital audio out (OPTICAL, COAXIAL)
	Video (DVD, VCR)	RCA jack, Euro Scart socket
	Video (DVD only)	S-Video out
		RGB out : Euro Scart socket
VCR	Tape format	VHS type video tape,
		S-VHS type video tape (Playback only)
	Color system	PAL, MESECAM, NTSC4.43, NTSC playback on PAL TV, SECAM(OPTION)
	Tuning system	B/G, D/K, I(U.K), L(FRANCE)
	Video S/N	Above 43dB (standard recording)
	Resolution	Above 240 lines (standard recording)
	Audio S/N	Above 68dB (Hi-Fi), 39dB (Mono)
DVD	Audio frequency characteristics	20Hz - 20KHz (Hi-Fi)
	Disc	DVD, CD (12cm), CD (8cm), VIDEO-CD (12cm)
	Audio S/N	115dB
	Audio dynamic range	105dB

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3. Disassembly and Reassembly

3-1 Cabinet and PCB

3-1-1 Cabinet Top Removal

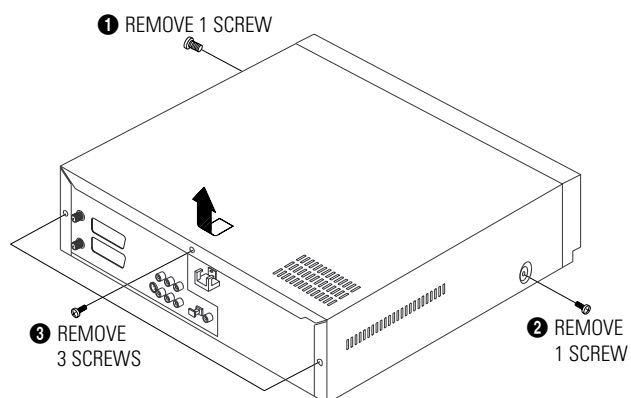


Fig. 3-1 Cabinet Top Removal

3-1-2 Bottom Cover Removal

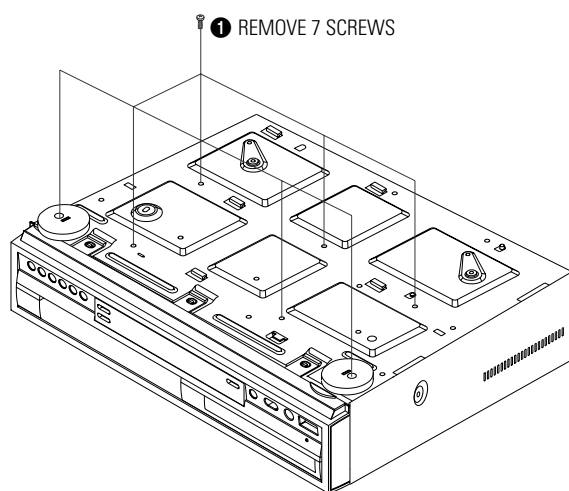


Fig. 3-2 Bottom Cover Removal

3-1-3 Ass'y Front Panel Removal

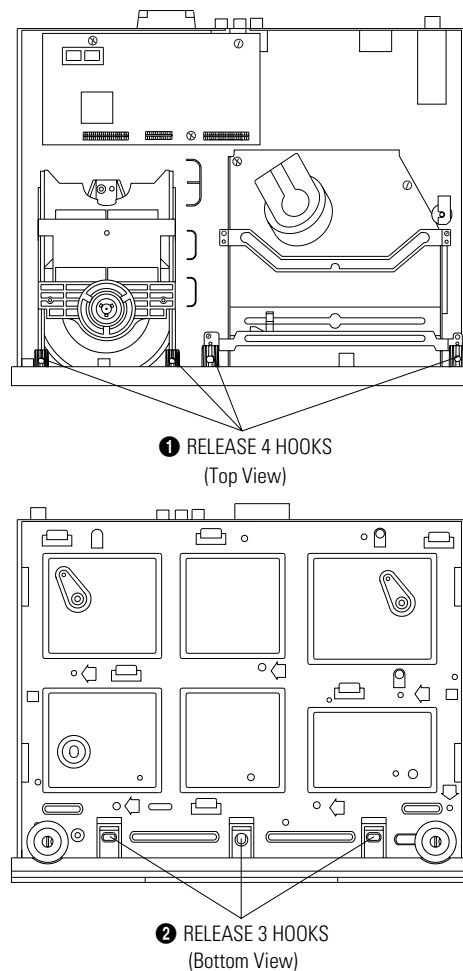


Fig. 3-3 Ass'y Front Panel Removal

3-1-4 Function-Timer PCB Removal

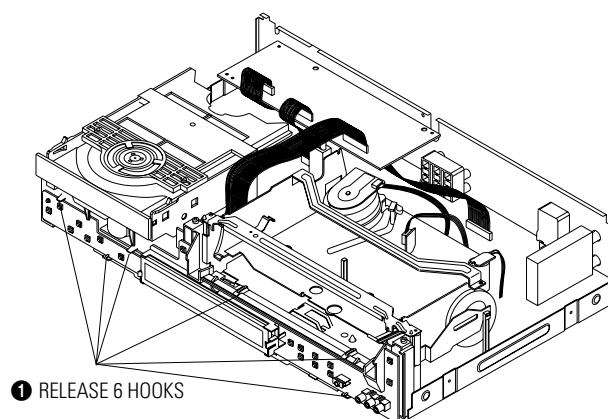


Fig. 3-4 Function-Timer PCB Removal

3-1-5 Chassis Removal

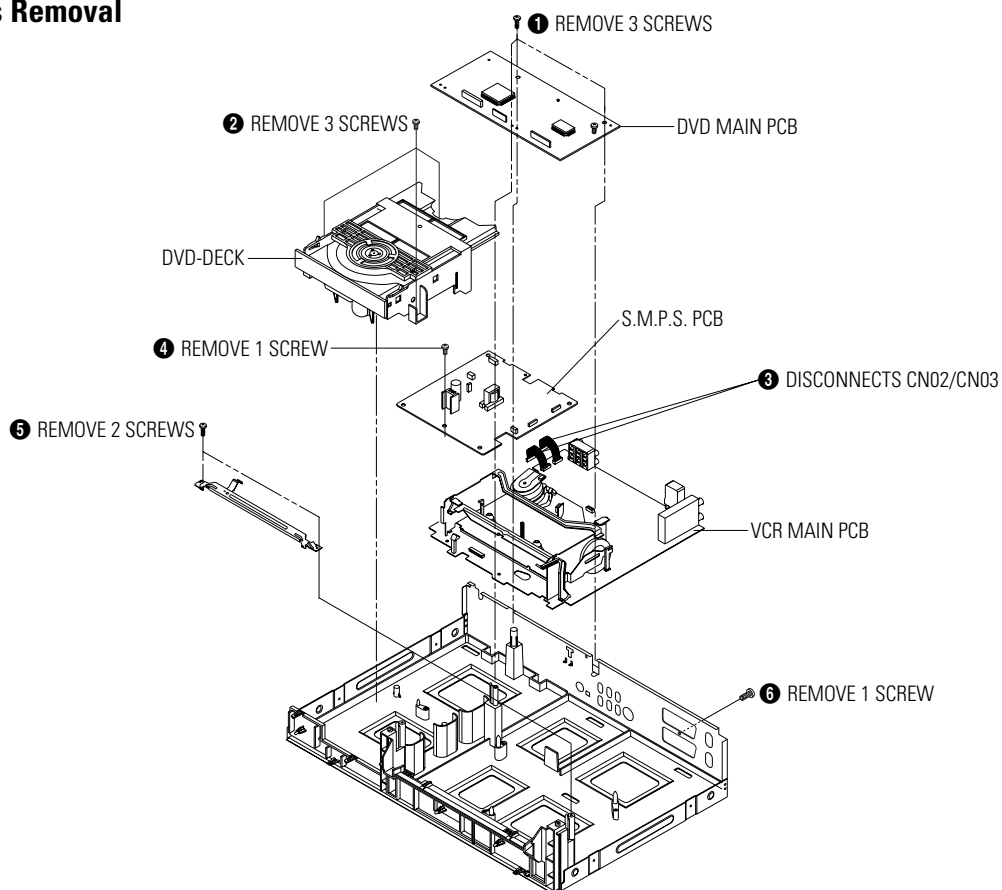


Fig. 3-5 Chassis Removal

3-1-6 VCR Main PCB Removal

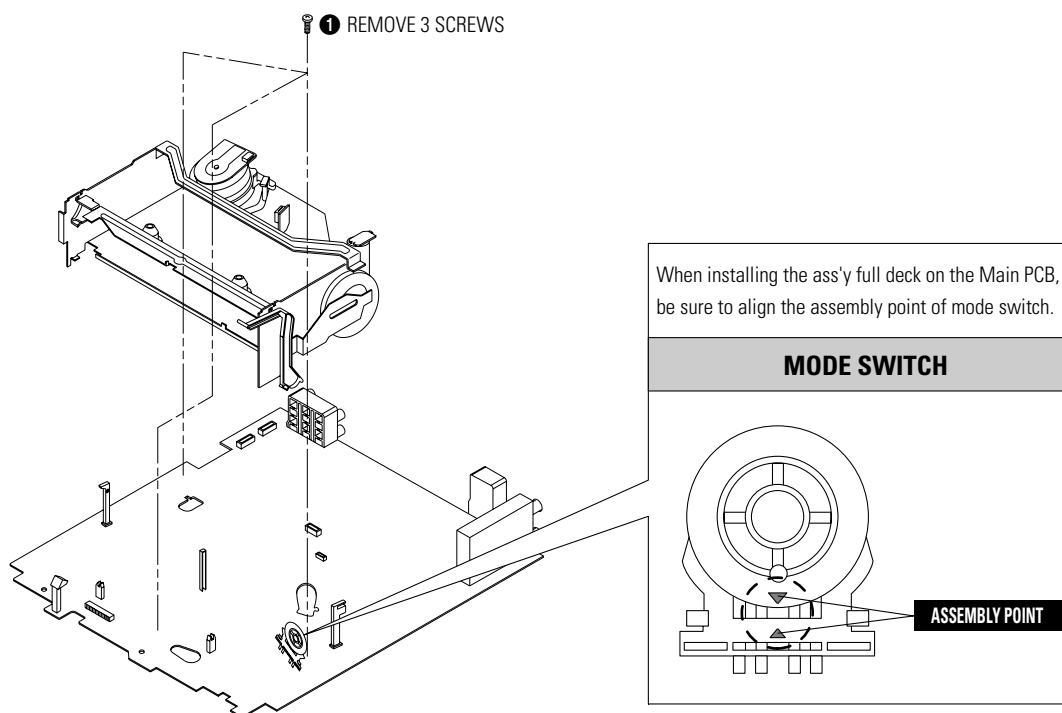


Fig. 3-6 VCR Main PCB Removal

3-2 Circuit Board Locations

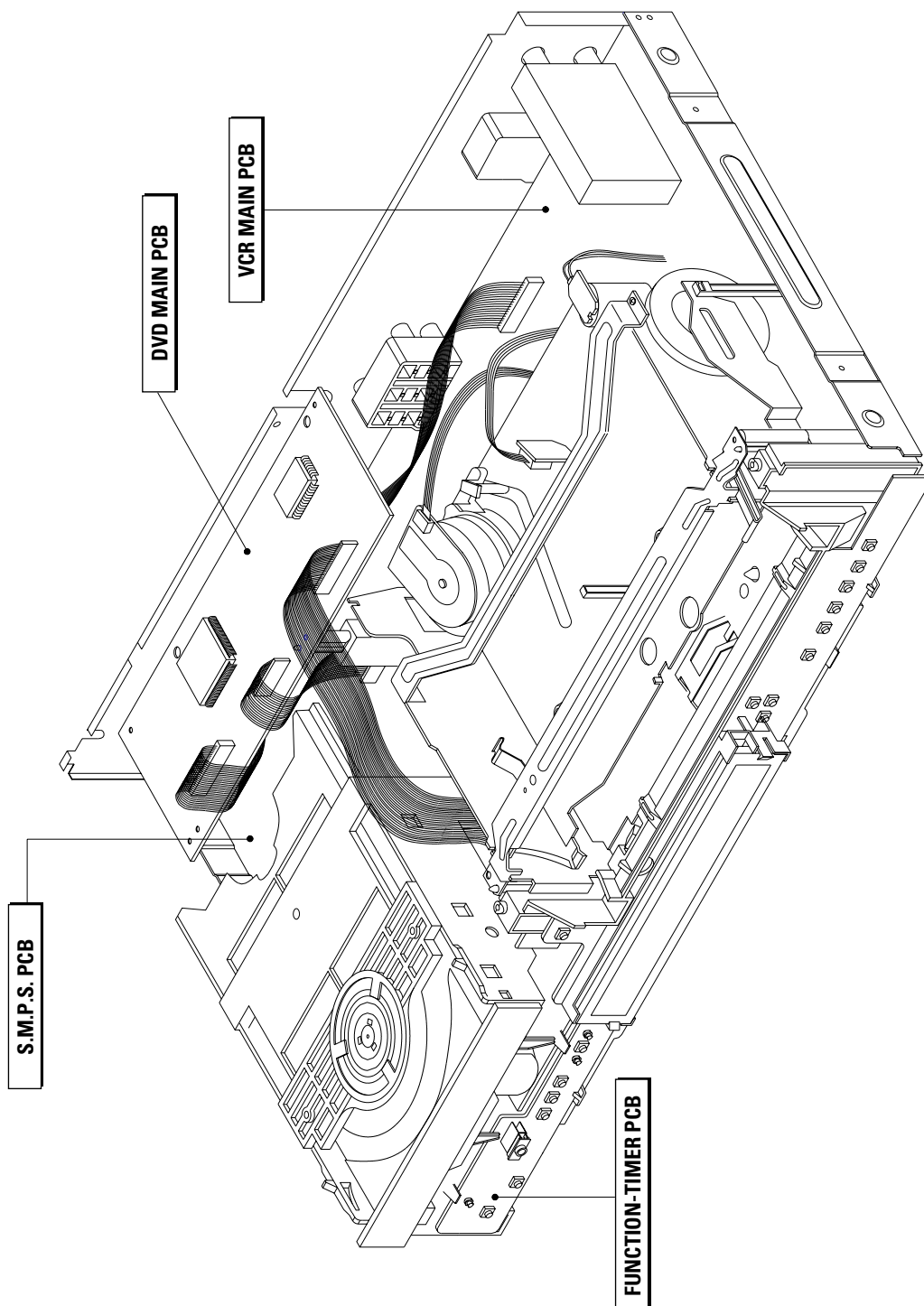


Fig. 3-7 Circuit Board Locations

3-3 DVD Deck

3-3-1 PCB Deck Ass'y and Ass'y P/U Deck Removal

- 1) Remove the soldering of SLED+, SLED- ❶ and TM+, TM- ❷.
- 2) Disconnect CN3 ❸, CN2 ❹.
- 3) Remove 1 Screw ❺ and lift up the PCB Deck ❻.
- 4) Remove 1 Screw ❼.
- 5) Push the Hook ❽ in the direction of arrow "A" and lift up the Ass'y P/U Deck ❾ in direction of arrow "B".

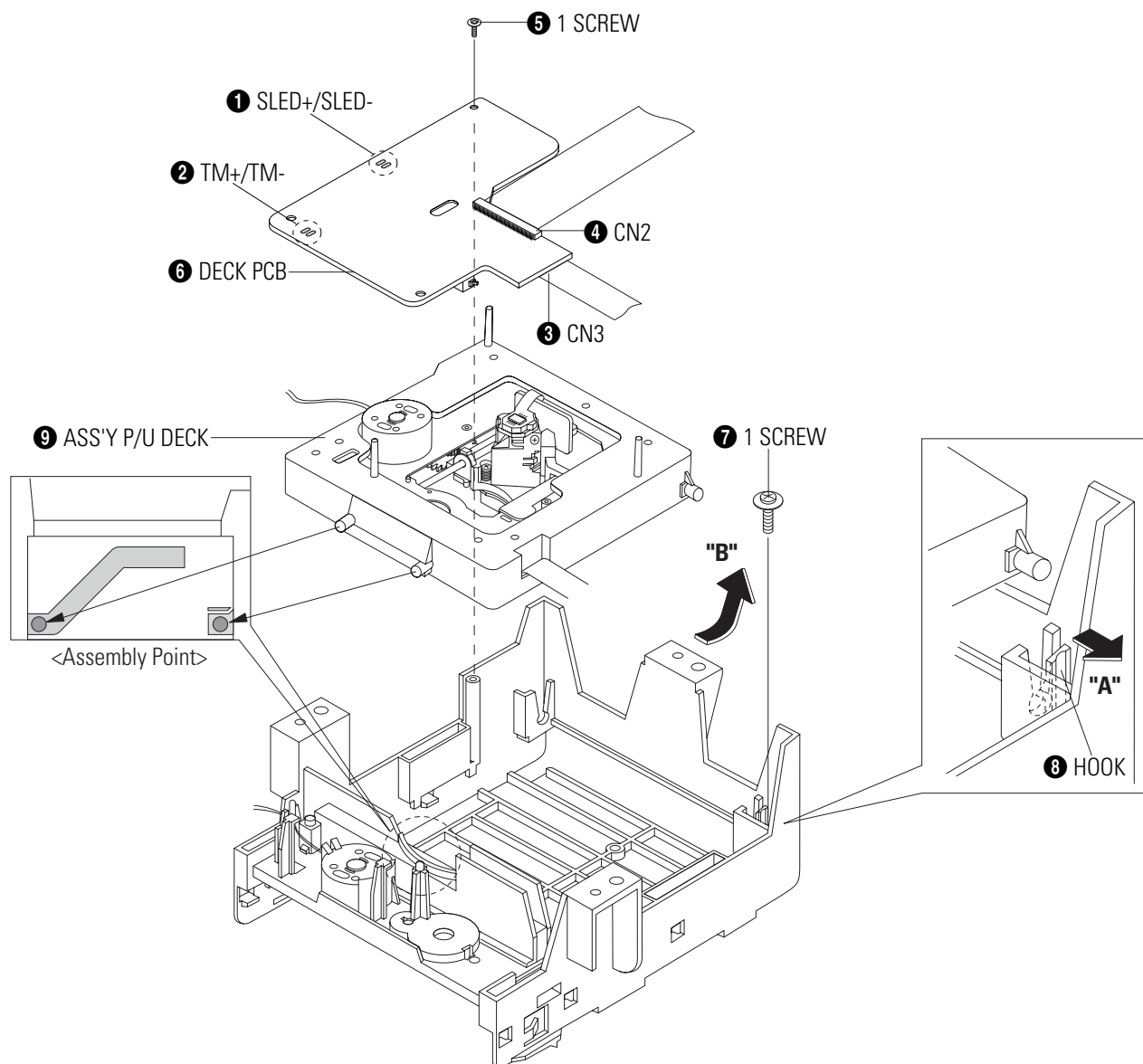


Fig. 3-8 PCB Deck Ass'y and Ass'y P/U Deck Removal

3-3-2 Tray Disc Removal

- 1) Insert a Screw Driver **①** into Emergency Hole **②** and push the Slider Housing **③** in the direction arrow "A".
- 2) When the Tray Disc **④** comes out little, pull it in the direction arrow "B" by hand.
- 3) Pull the Tray Disc **④** to disassemble , while simultaneously pushing 2 Stoppers **⑤** (left, right) in the direction arrow "C", "D".

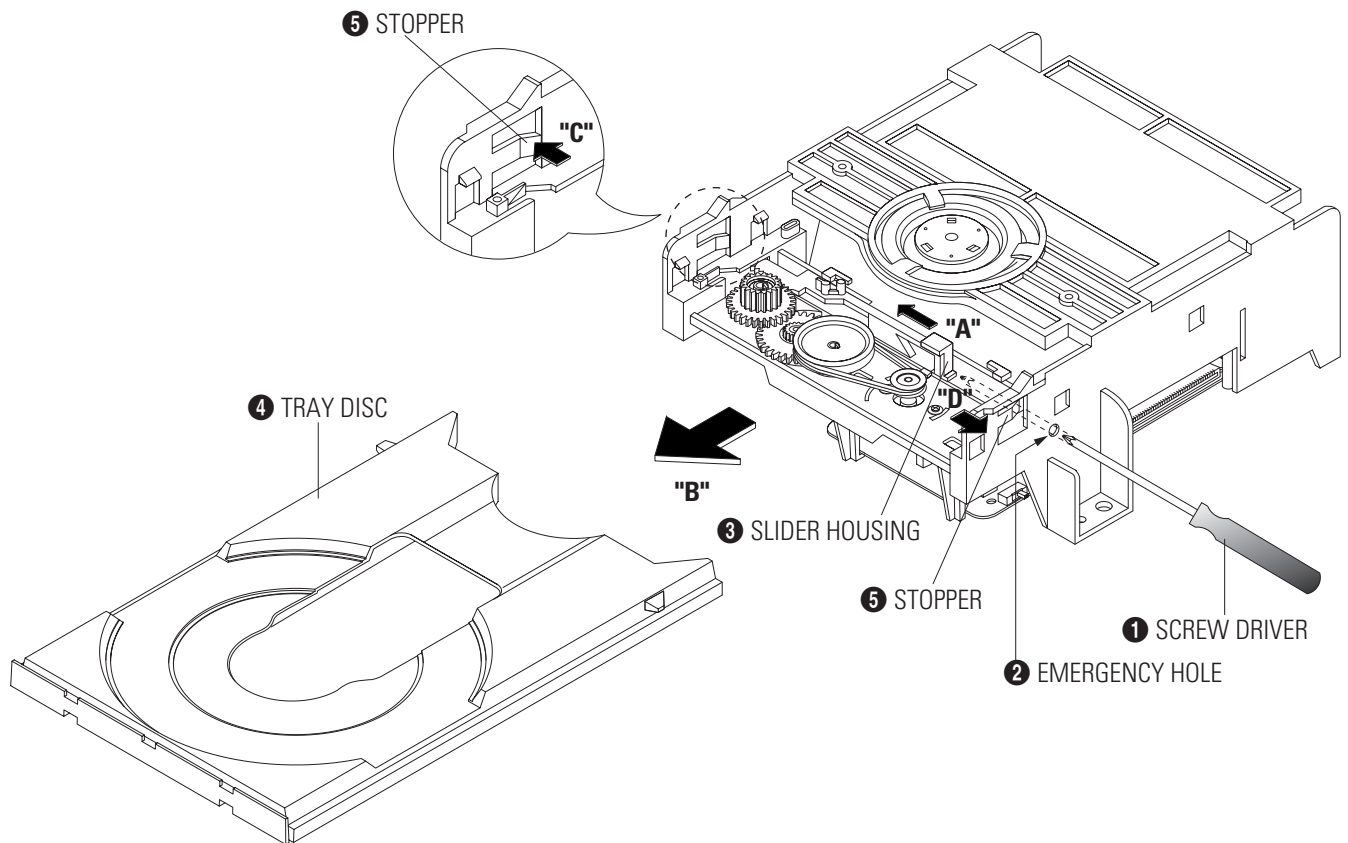


Fig. 3-9 Tray Disc Removal

3-3-3 Slider Housing Removal

- 1) Push the Slider Housing ❶ in the direction arrow "A".
- 2) Lift up the Slider Housing ❶.

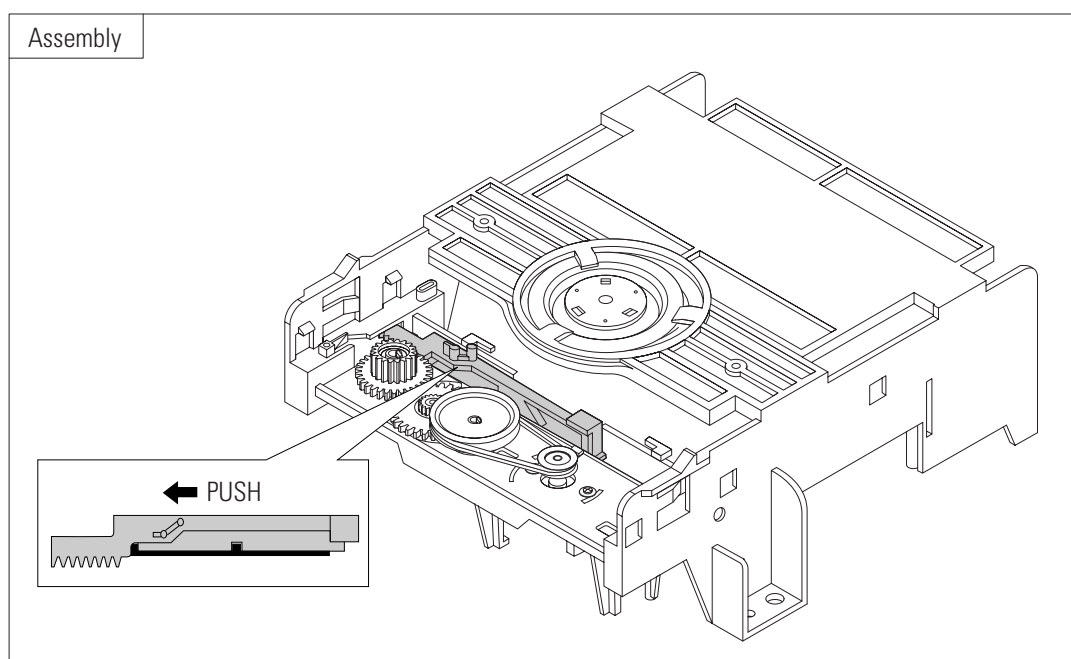
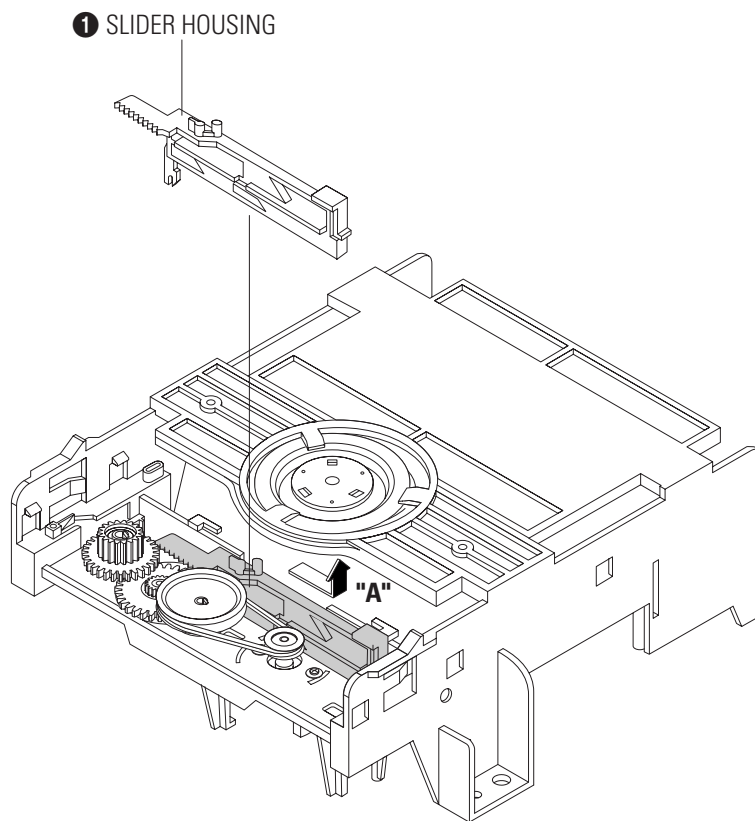


Fig. 3-10 Slider Housing Removal

3-3-4 Housing Ass'y Removal

- 1) Remove Belt ❶ and 1 Screw ❷.
- 2) Remove 1 Screw ❸ and lift up the Pulley Gear ❹.
- 3) Push the Hook ❺ in the direction arrow "A" and lift up Gear Tray ❻, Gear Housing ❼.
- 4) Push the 4 Hooks ❽ bottom side in the direction arrow "B" and lift up the Motor Load Ass'y ❾.
- 5) Remove Clamper Ass'y ❿.

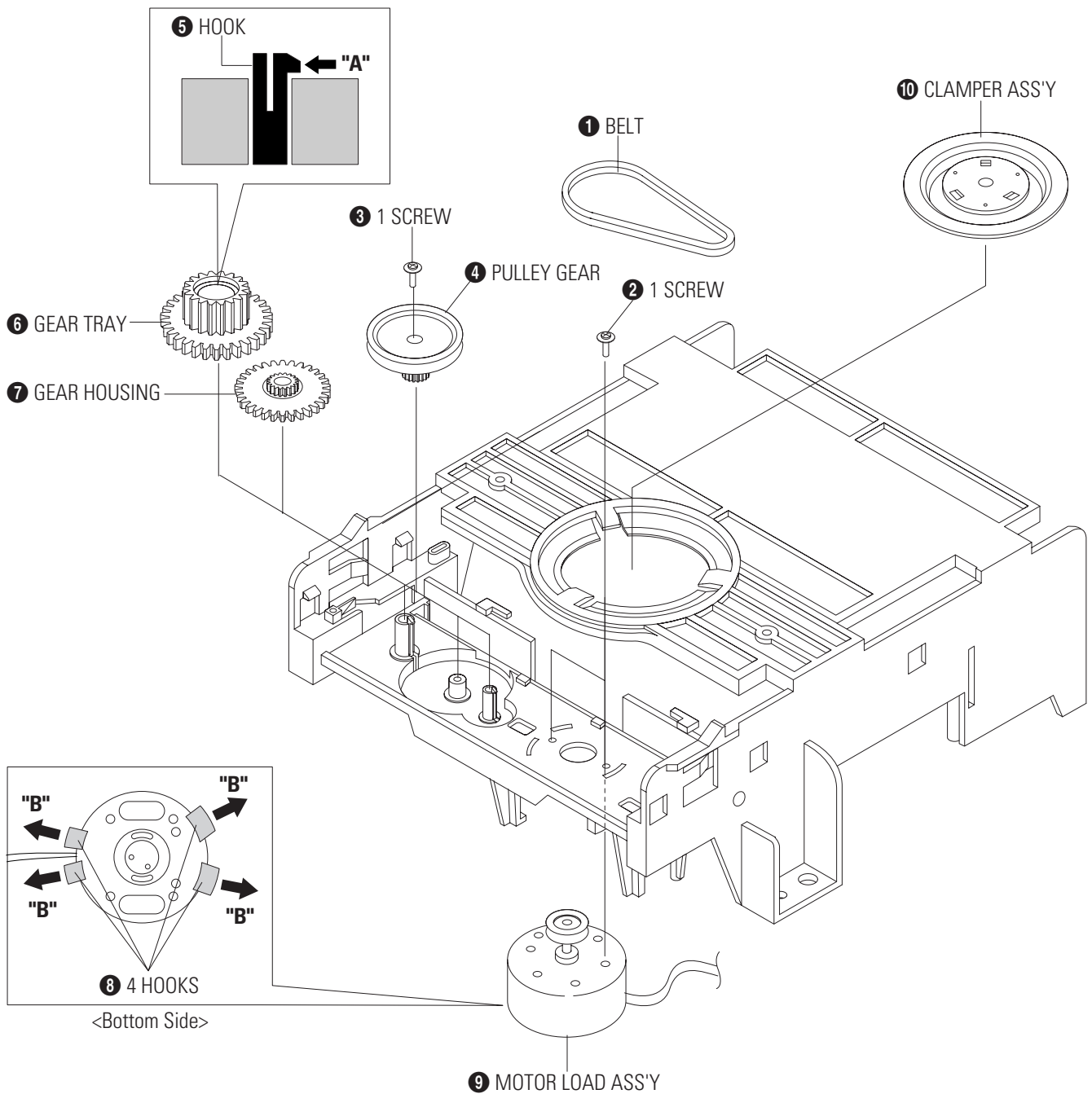


Fig. 3-11 Housing Ass'y Removal

3-3-5 Sub Chassis Removal

- 1) Remove the 4 Screws ❶.
- 2) Lift up the Ass'y Brkt Deck ❷.

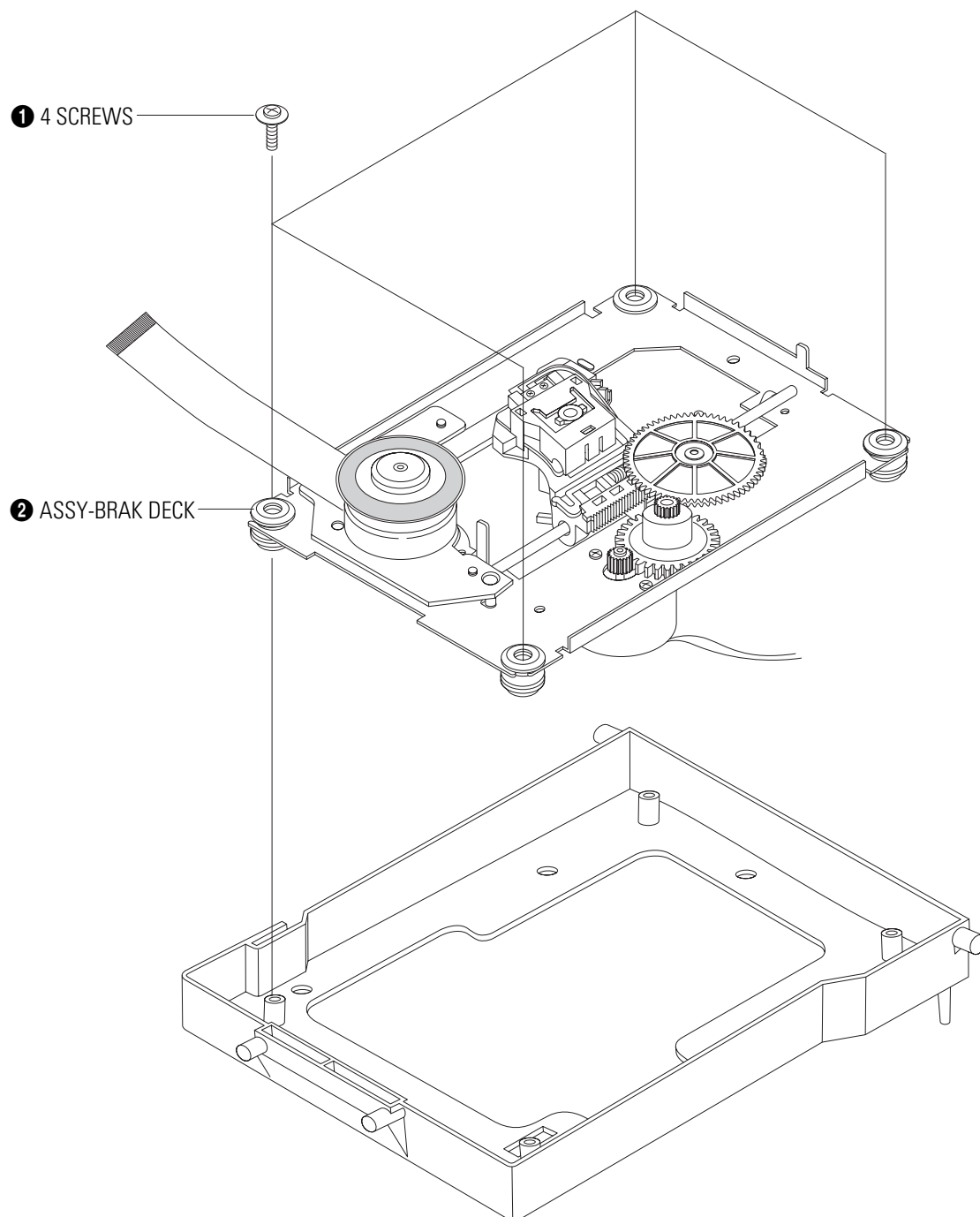


Fig. 3-12 Sub Chassis Removal

3-3-5 Sub Chassis Removal

- 1) Remove the 4 Screws ❶.
- 2) Lift up the Ass'y Brkt Deck ❷.

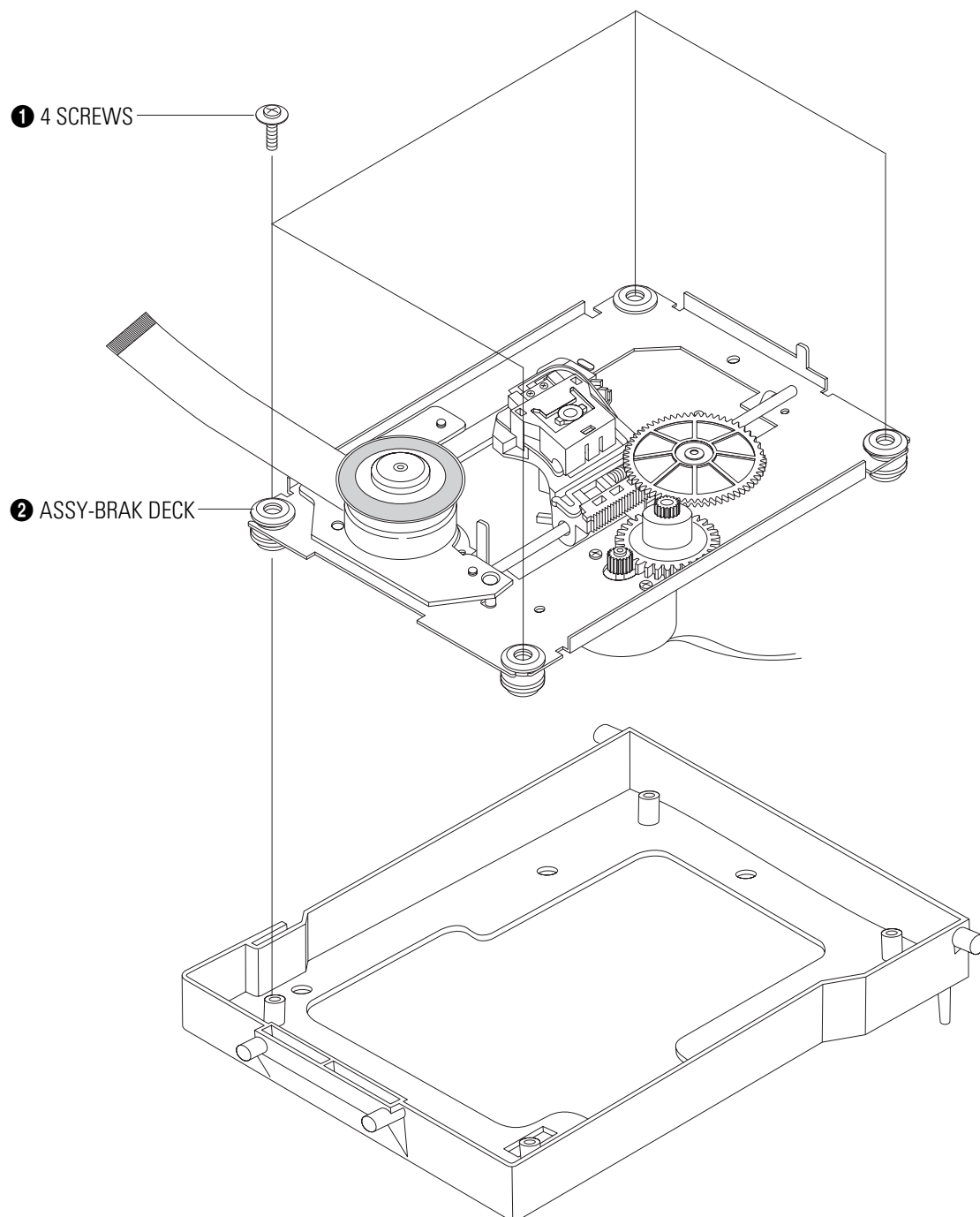


Fig. 3-12 Sub Chassis Removal

3-3-6 Ass'y Brkt Deck Removal

- 1) Remove Washer ❶.
- 2) Remove Gear Feed B ❷, Gear Feed A ❸.
- 3) Remove 2 Screws ❹.
- 4) Remove Shaft Pick-Up ❺ and Pick-Up Assy ❻.
- 5) Remove 1 Screw ❼.
- 6) Remove 2 Screws ❽.
- 7) Remove 3 Spring Spindle ❾ and Motor Spindle Ass'y ❿.

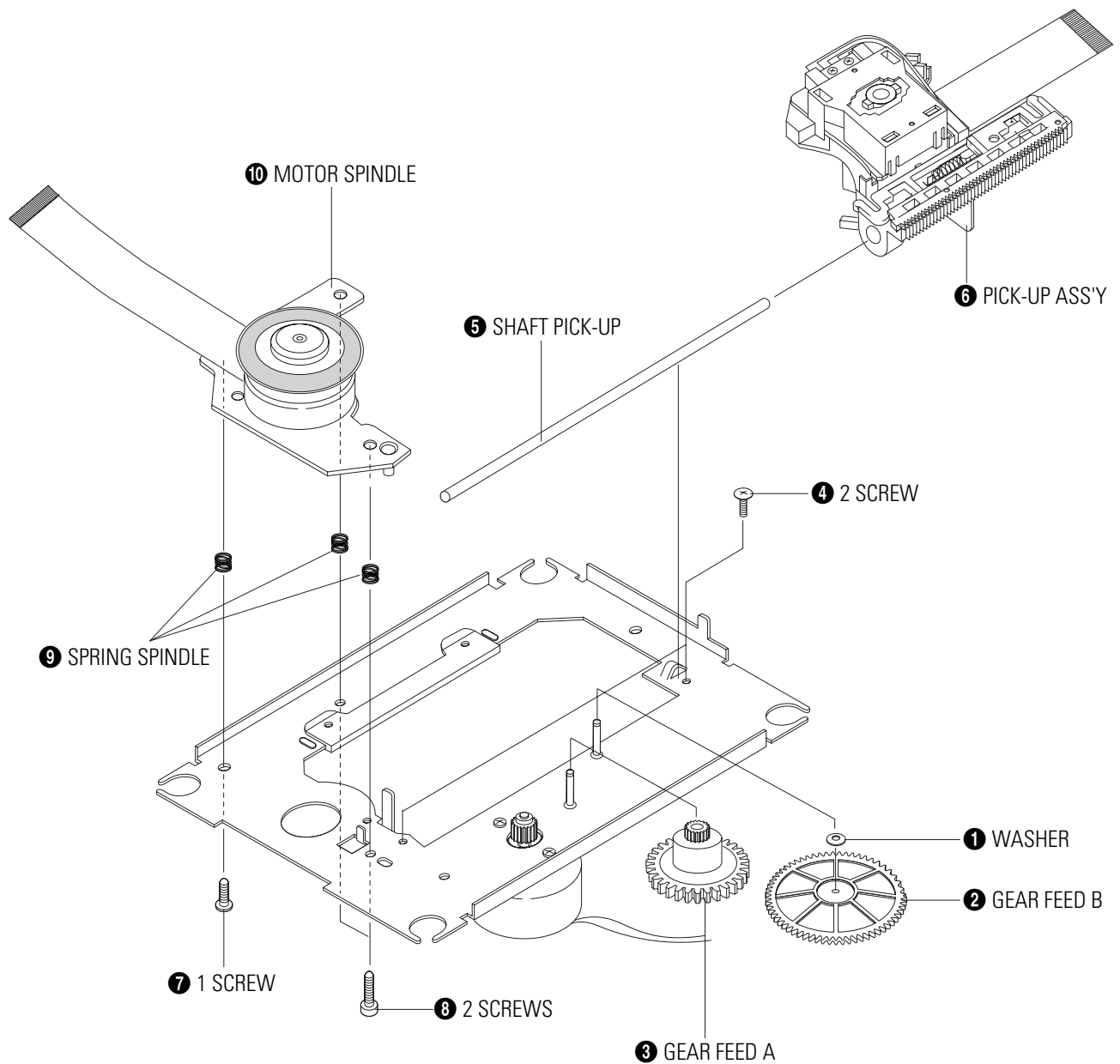


Fig. 3-13 Ass'y Brkt Deck Removal

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4. VCR Alignment and Adjustments

4-1 Reference

- 1) X-Point (Tracking center) adjustment, "Head switching adjustment" and "NVRAM option setting" can be adjusted with remote control.
- 2) When replacing the VCR Main PCB Micom (IC601) and NVRAM (IC605 ; EEPROM) be sure to adjust the "Head switching adjustment" and "NVRAM option setting".
- 3) When replacing the cylinder ass'y, be sure to adjust the "X-Point" and "Head switching adjustment".
- 4) How to adjustment.
 - Press the "SW710 (TEST)" button on Function-Timer PCB to set the adjustment mode.
 - If the corresponding adjustment button is pressed, the adjustment is performed automatically.

4-1-1 Location of adjustment button of remote control

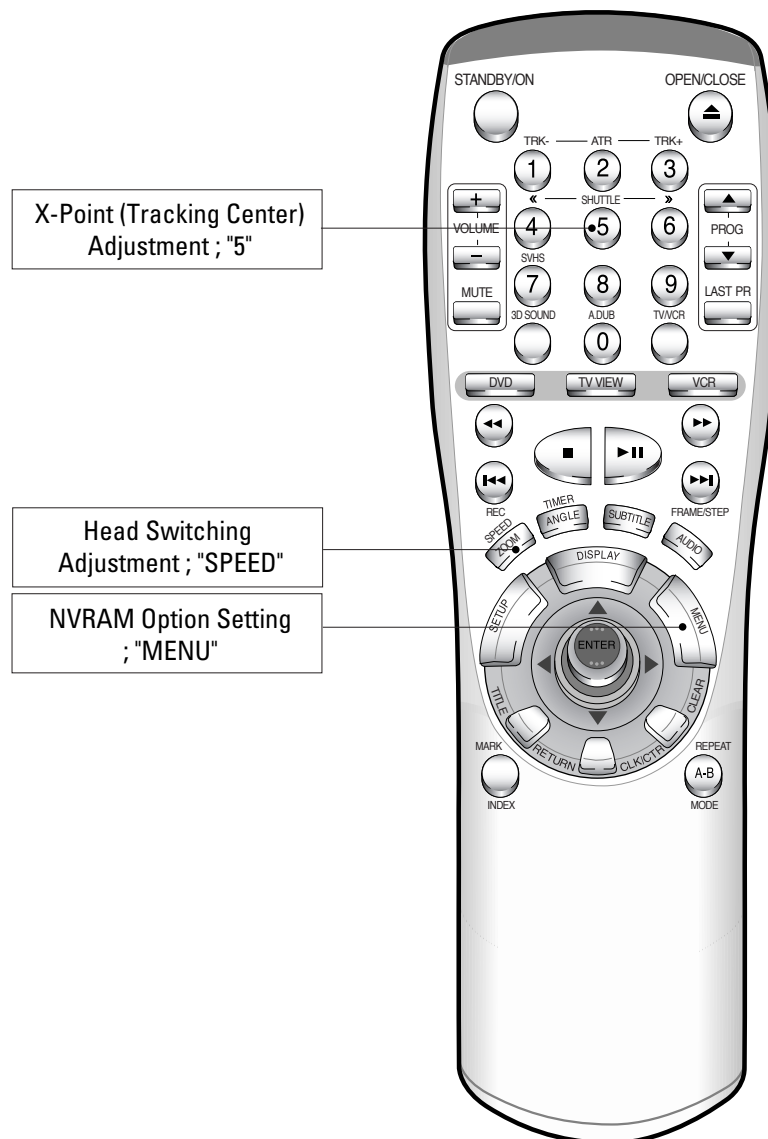


Fig. 4-1

4-1-2 SW710 (TEST) location for adjustment mode setting

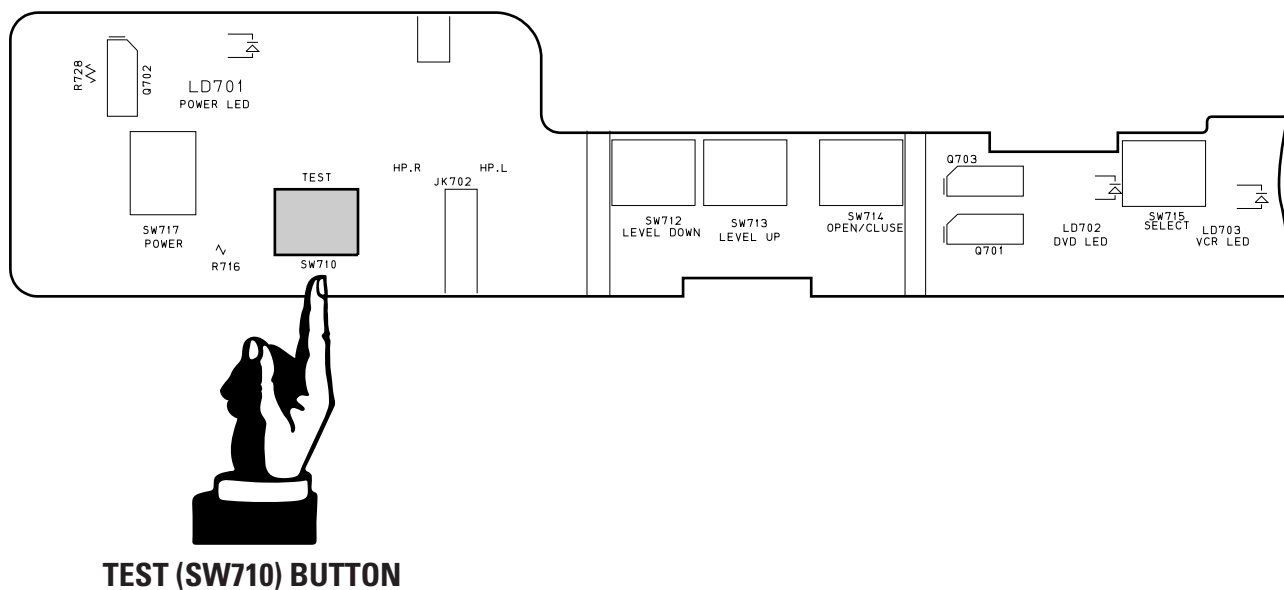


Fig. 4-2 Function-Timer PCB (Top View)

4-2 Mechanical Adjustment

Note : Refer to the Mechanical Manual “DX-9R (AC68-00001A)” for the adjustment and confirmation of ass’y full deck.

4-2-1 The number and position of test point

Test point :

- TP01-2 (Audio Output)
- TP01-3 (Envelope)
- TP01-4 (H'D S/W -Trigger)
- TP01-5 (Control Pulse)

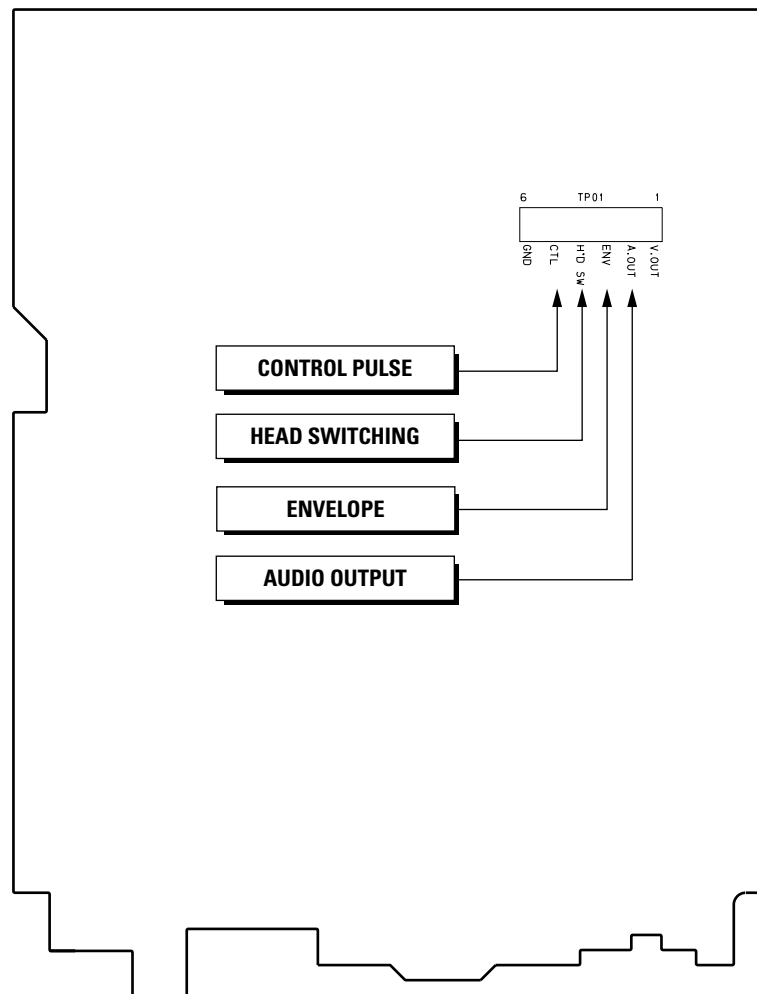


Fig. 4-3 Location of Test point (VCR Main PCB-Top View)

4-2-2 ACE Head position (X-Point) Adjustment (See the 4-2-1(d) ACE Head Position (X-Point) Adjustment on page 4-2 of the Mechanical Manual)

- 1) Playback the alignment tape (Color bar).
- 2) Press the “SW710 (TEST)” button on F/Timer PCB to set the adjustment mode. (See Fig. 4-2)
- 3) Press the “5” button of remote control then adjustment is operated automatically. (See Fig. 4-1)
- 4) Connect the CH-1 probe to TP01-3 (Envelope) the CH-2 probe to TP01-1 (H'D switching pulse) and then trigger to CH-1.
- 5) Insert the (-) driver into the X-Point adjustment hole and adjust it so that envelope waveform is maximum.
- 6) Turn the Power off.

4-3 Head Switching Point Adjustment

- 1) Playback the alignment tape.
- 2) Press the "SW710 (TEST)" button on Function-Timer PCB to set the adjustment mode. (See Fig. 4-2)
- 3) Press the "SPEED" button of remote control then adjustment is operated automatically. (See Fig. 4-1)

4-4 NVRAM Option Setting

- 1) NVRAM Option is adjusted at production line basically.
- 2) In case VCR Main PCB Micom (IC601) and NVRAM (IC605 ; EEPROM) is replaced, be sure to set the corresponding option number of the required model. (If the option is not set, the unit is not operated.)

- 1) Press the "SW710 (TEST)" button on Function-Timer PCB to set the adjustment mode. (See Fig. 4-2)
- 2) Press the "MENU" button on the remote control about 5 seconds then option setting is appeared. (See Fig. 4-4)
- 3) Select the option number (See table 4-1) of corresponding model with "FF", "REW" button on the remote control.
- 4) If selecting the option number is completed, press the "STOP" button of remote control. (If "STOP" button is pressed, the selected number is changes reversed color. ; See Fig. 4-4)
- 5) Press the Display button of remote control again to store the option number. ("PLEASE WAIT" is displayed for a second as shown Fig. 4-5 and this setting is completed.)

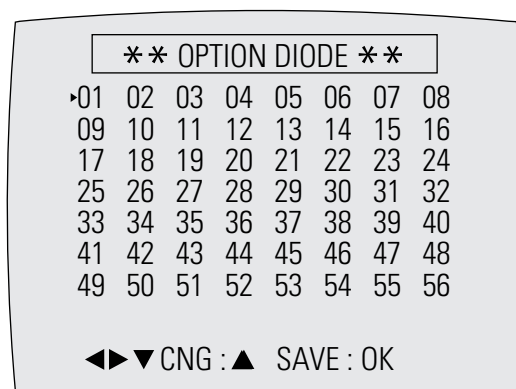


Fig.4-4

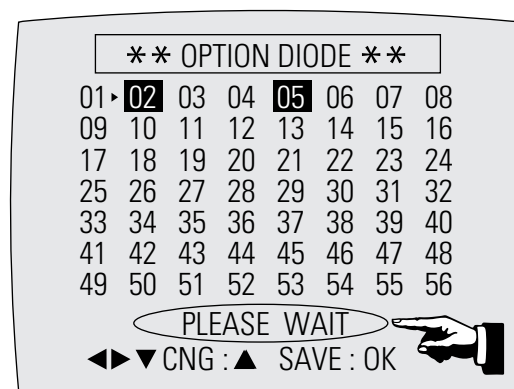
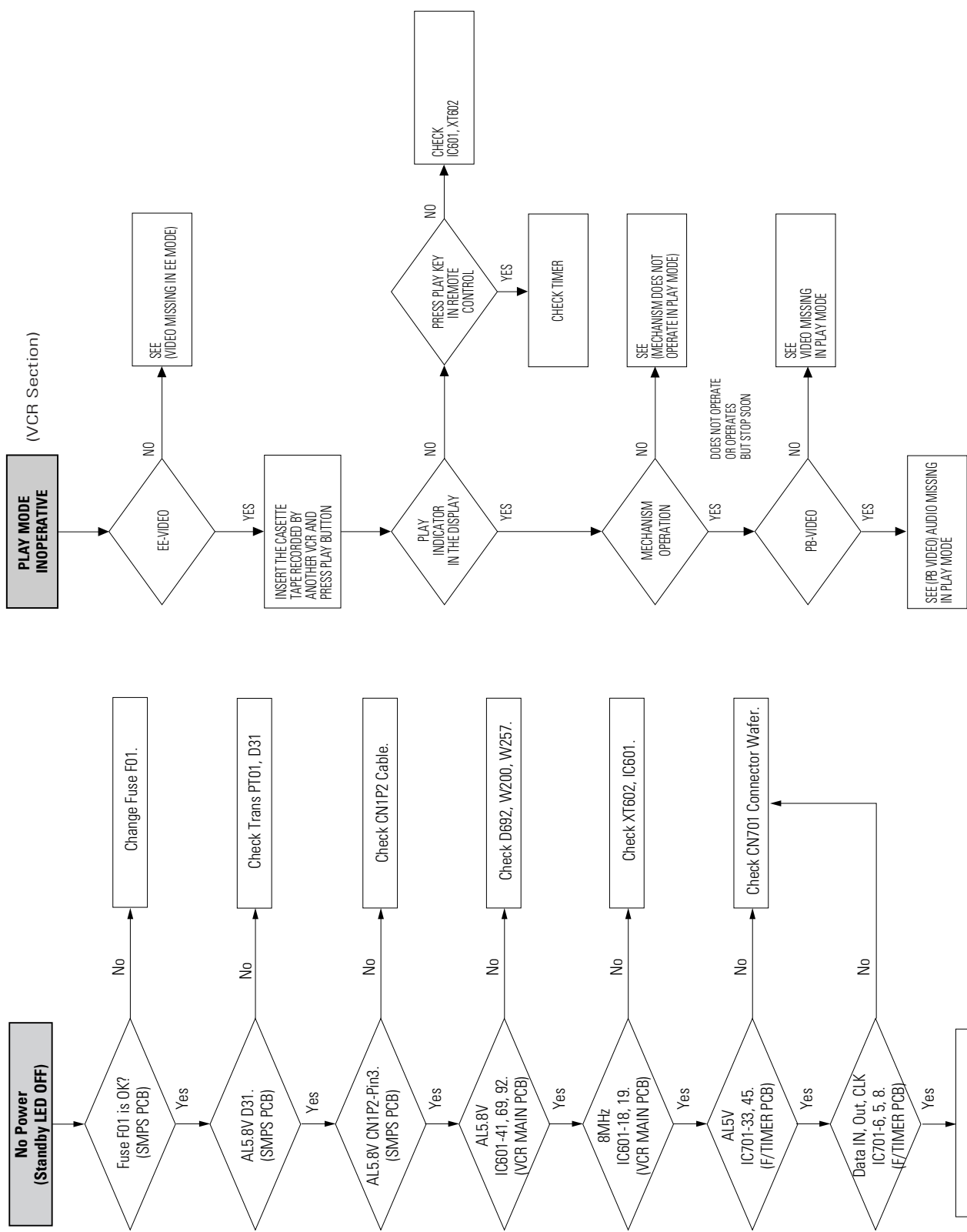


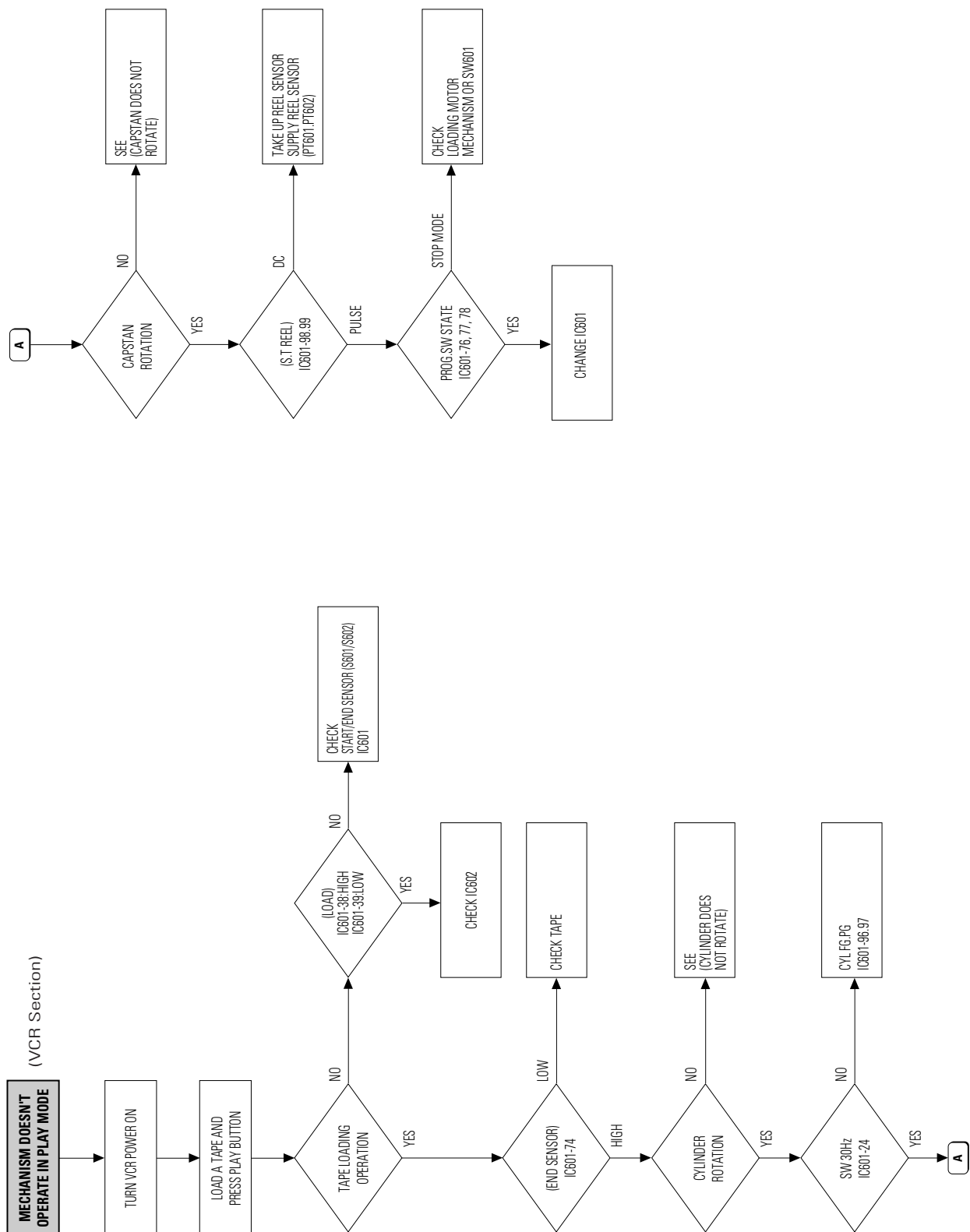
Fig. 4-5

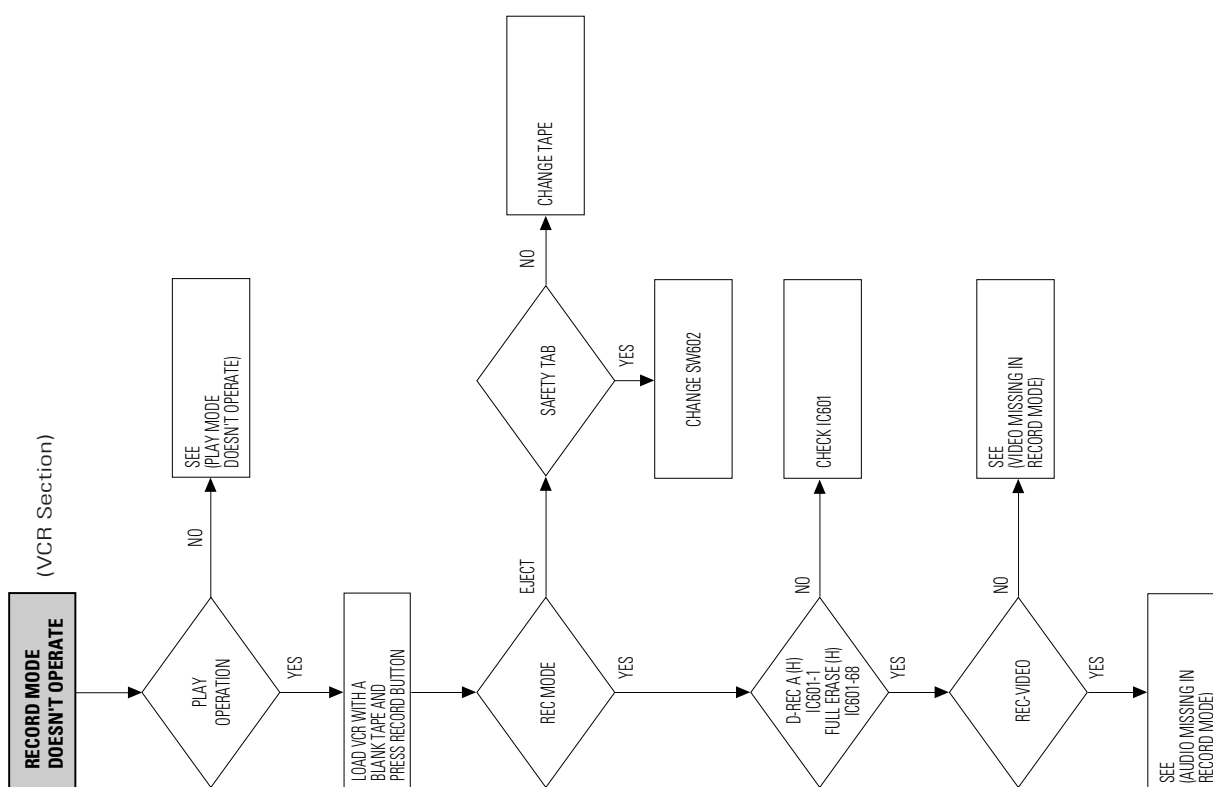
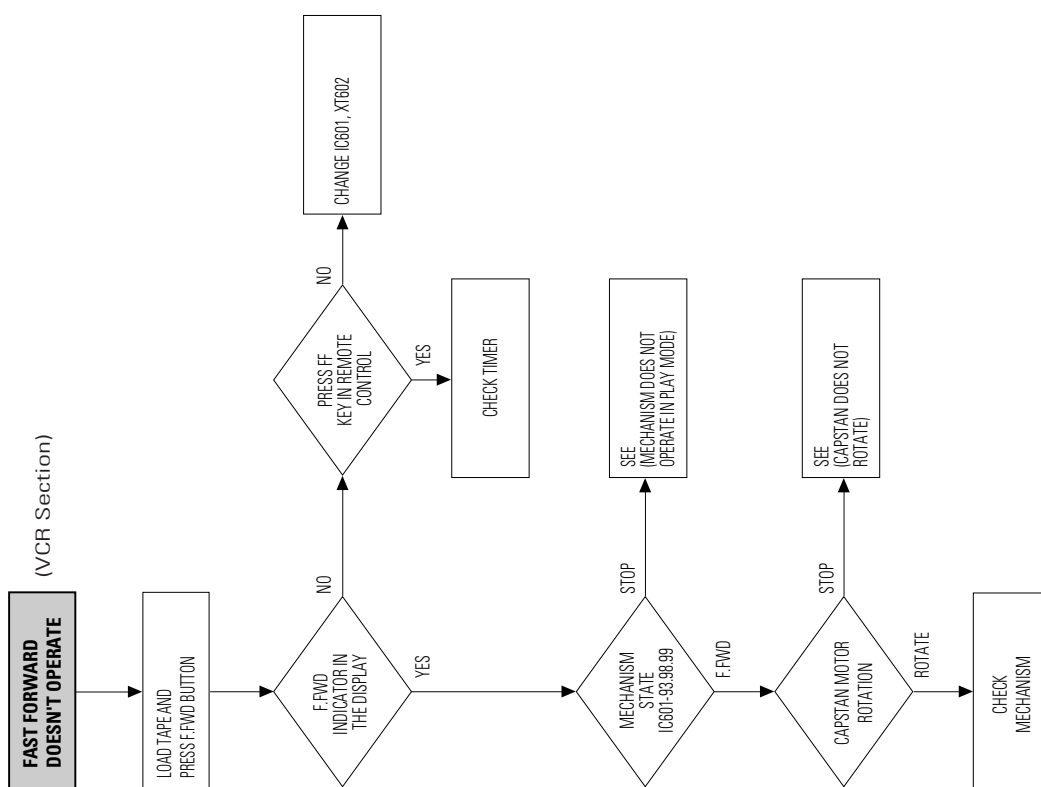
<Table 4-1 NVRAM Option Table>

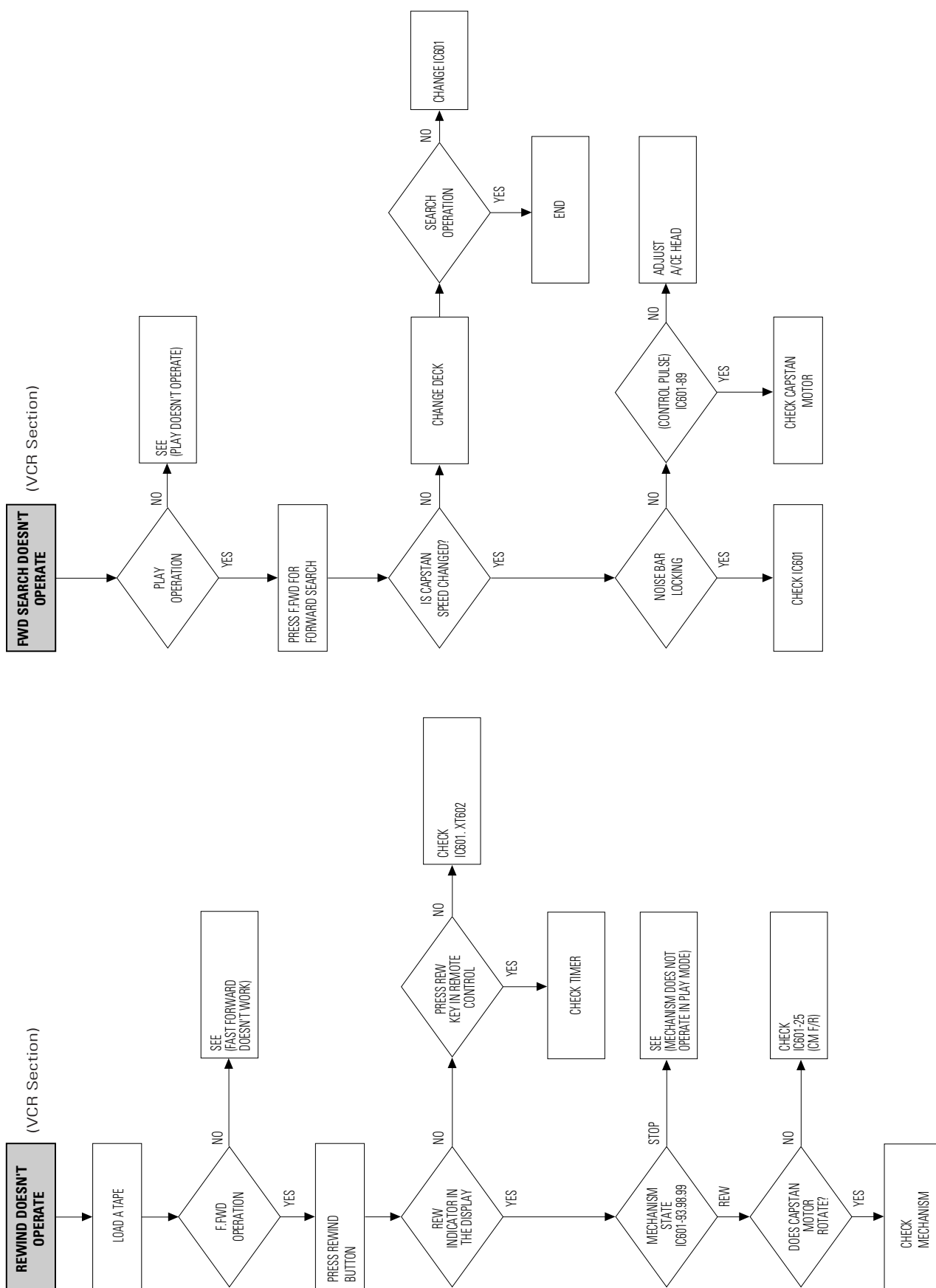
COUNTRY	OPTION NUMBER
COMMON	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 32, 36, 43, 44, 48, 49, 53, 54, 55
Germany	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 29, 32, 36, 43, 44, 49, 53, 54, 55
France	2, 5, 6, 7, 8, 12, 13, 14, 15, 18, 19, 22, 24, 26, 29, 36, 43, 44, 49, 53, 54, 55
Russia	2, 5, 6, 8, 11, 12, 13, 14, 15, 18, 19, 22, 25, 30, 31, 32, 36, 43, 44, 49, 53, 54, 55
U.K	3, 5, 6, 7, 8, 10, 12, 13, 14, 15, 22, 24, 27, 36, 43, 44, 49, 53, 54, 55
Italy	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 29, 31, 36, 43, 44, 49, 53, 54, 55
Spain	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 31, 36, 43, 44, 49, 53, 54, 55
Switzerland	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 19, 22, 24, 26, 29, 31, 32, 36, 43, 44, 49, 53, 54, 55
Austria	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 32, 36, 43, 44, 49, 53, 54, 55
Netherland	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 29, 30, 32, 36, 43, 44, 49, 53, 54, 55
Denmark	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 29, 30, 36, 43, 44, 49, 53, 54, 55
Sweden/Finland	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 24, 29, 30, 31, 36, 43, 44, 49, 53, 54, 55
Portugal	2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 22, 36, 43, 44, 48, 49, 53, 54, 55

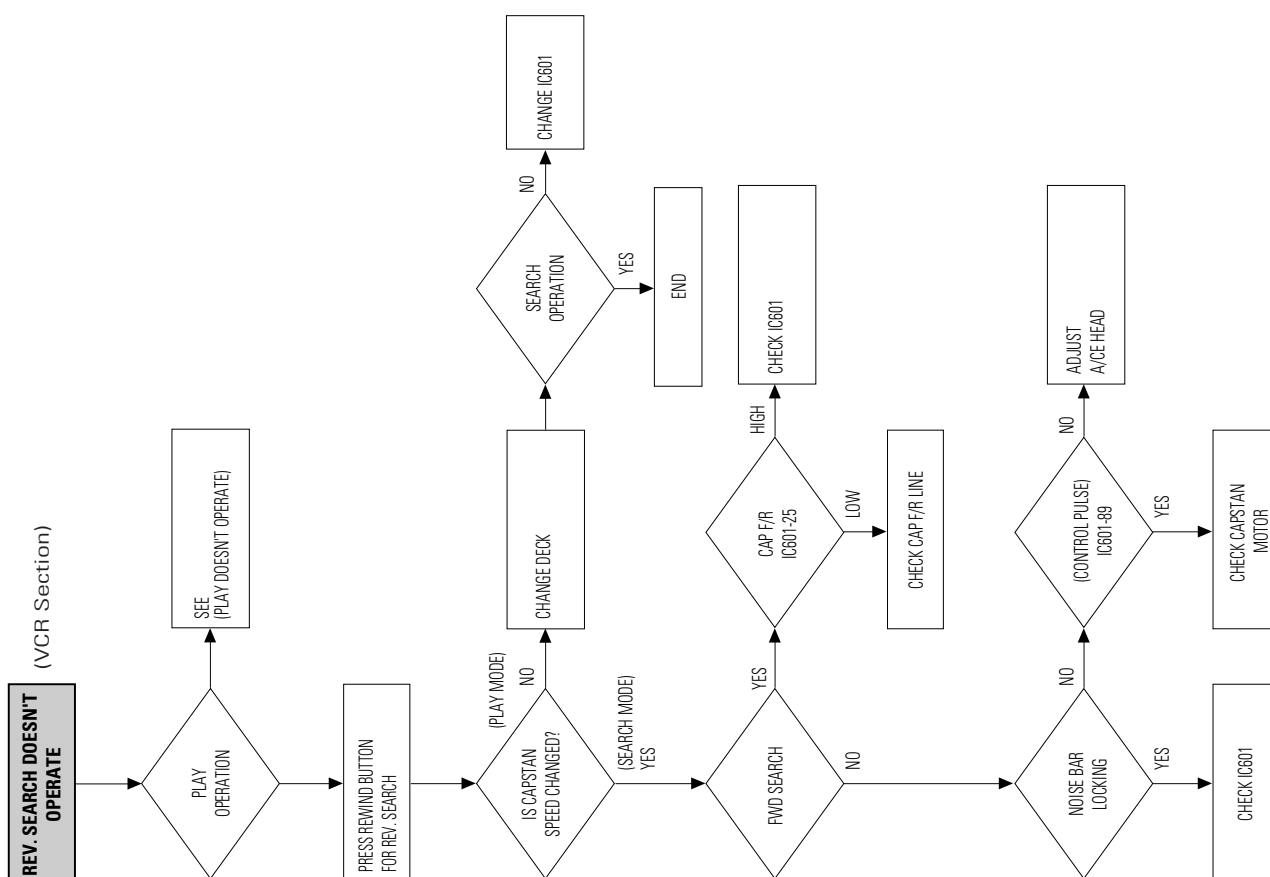
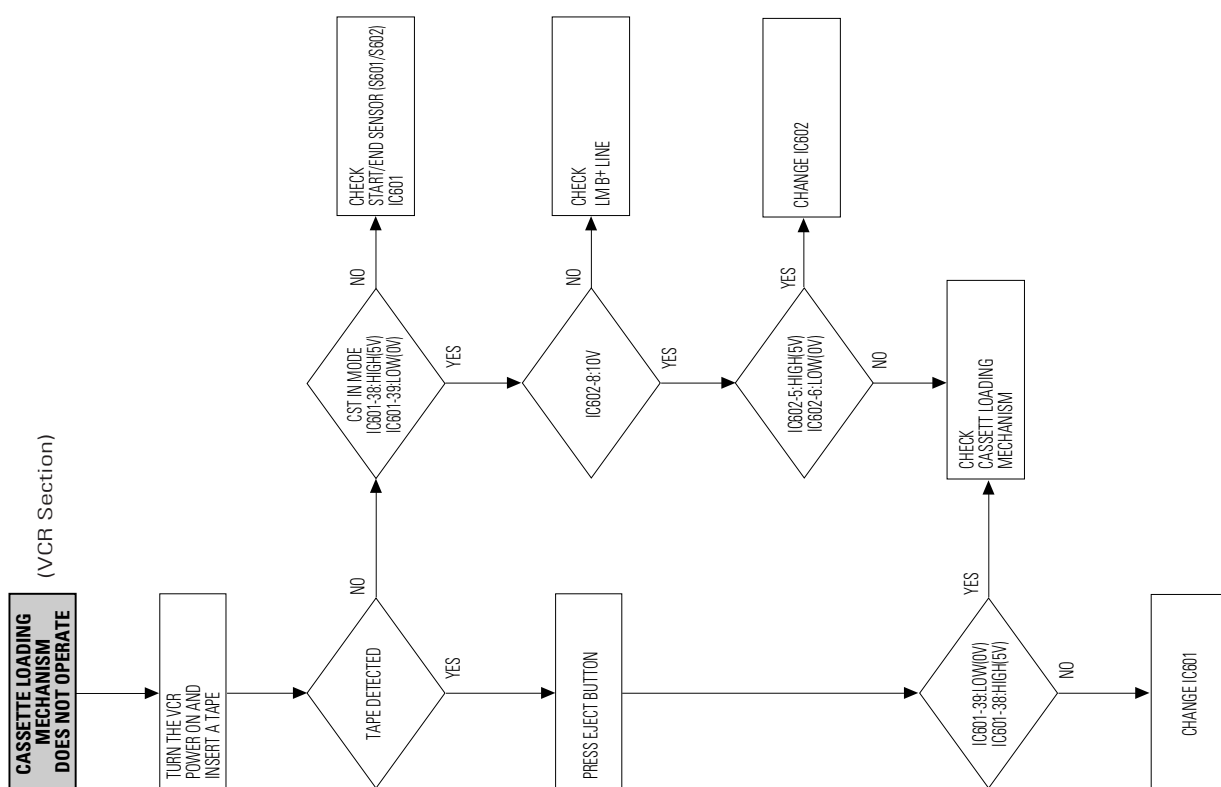
5. Troubleshooting

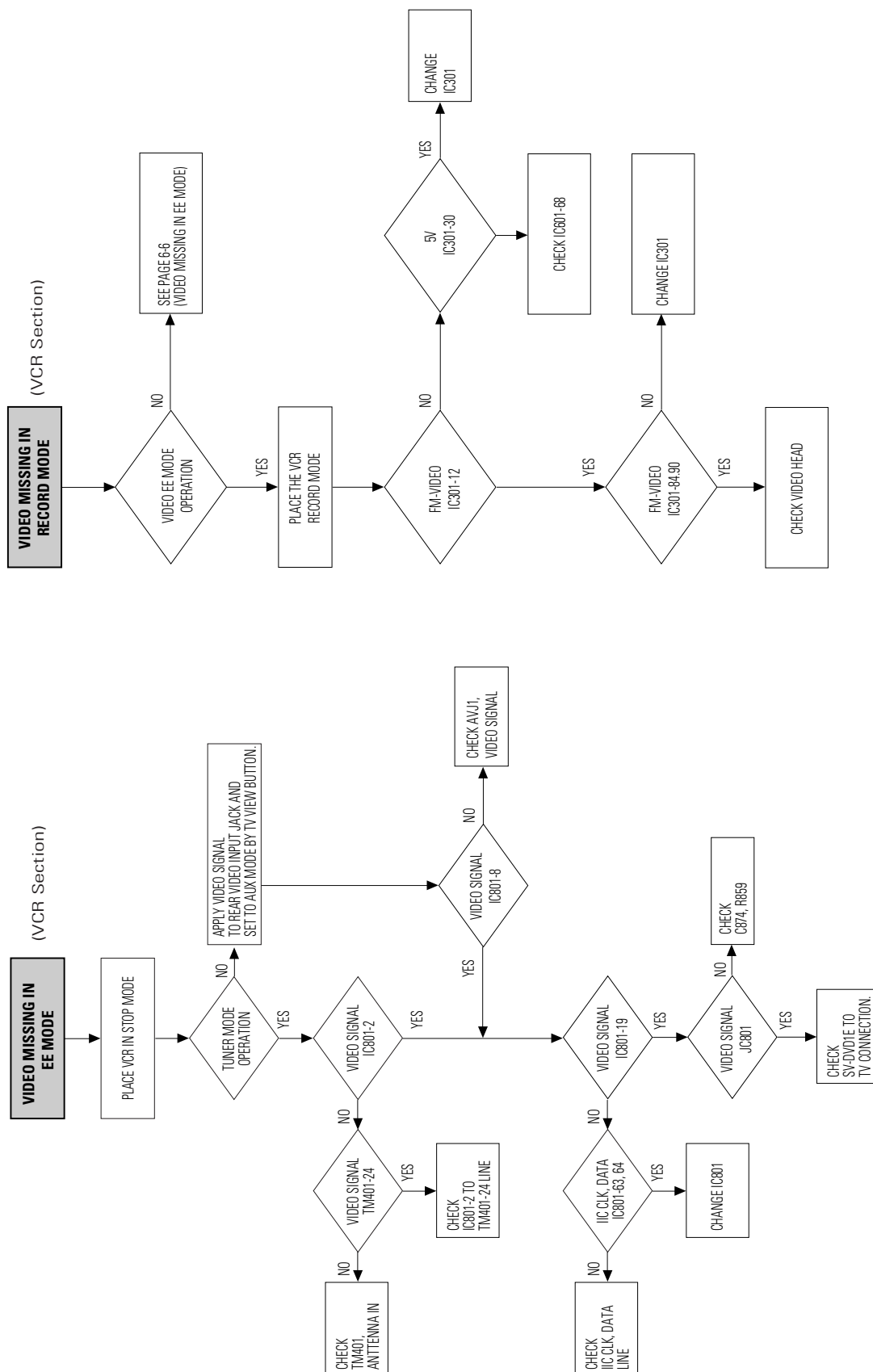


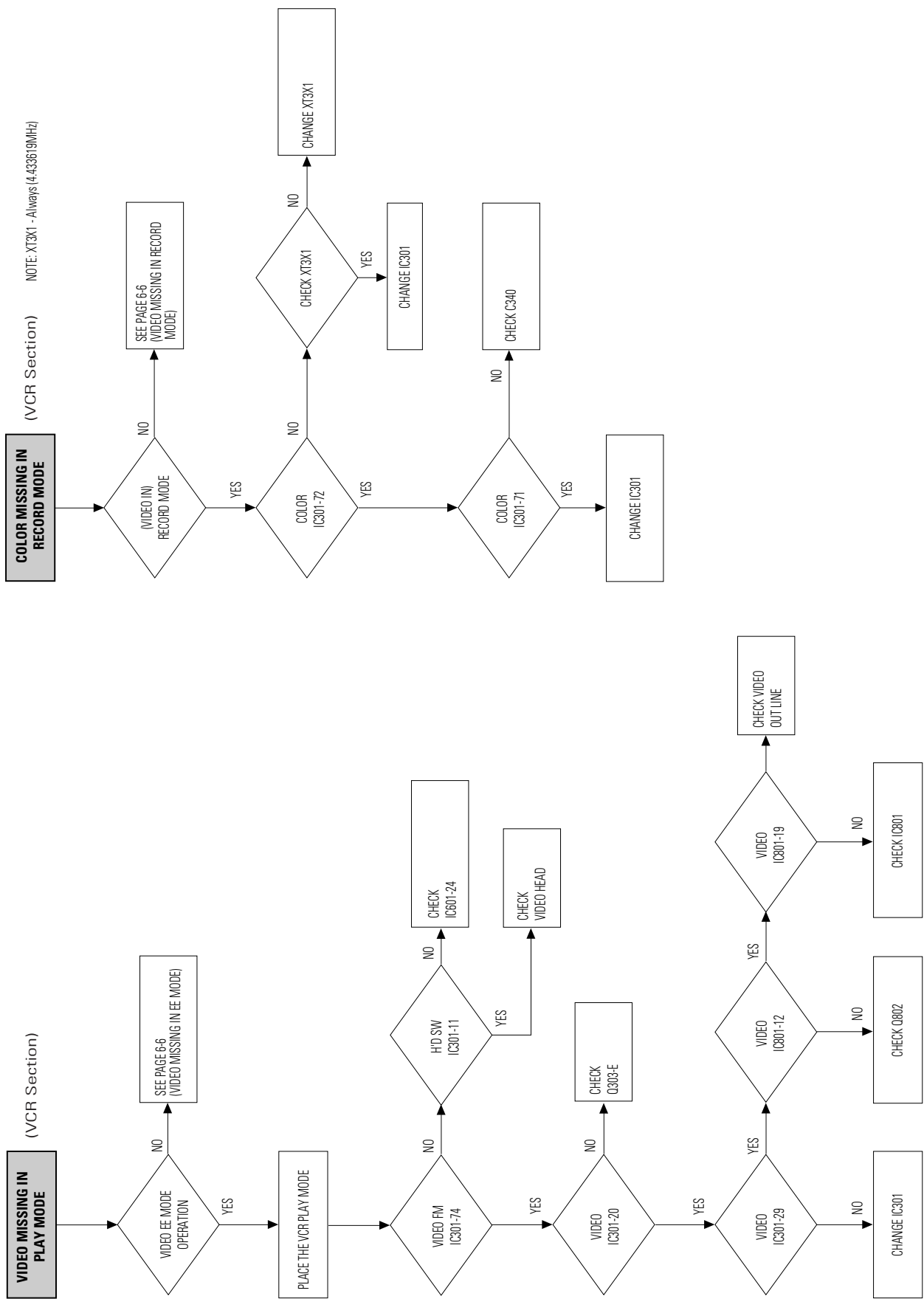


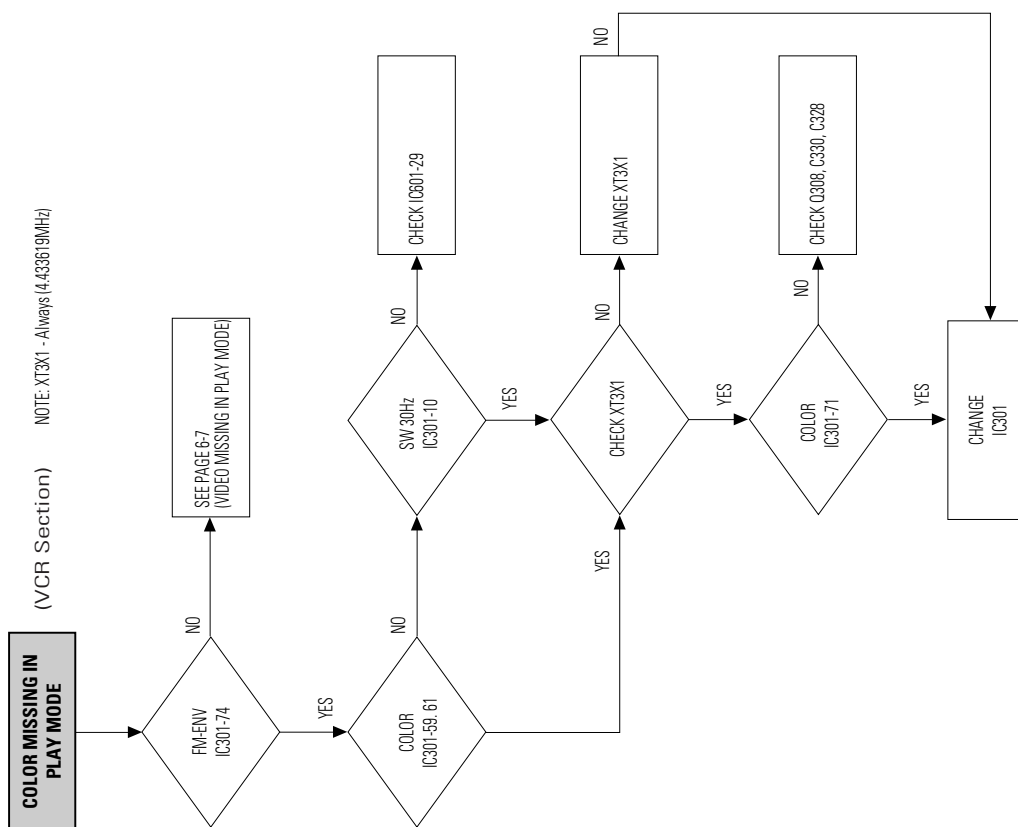
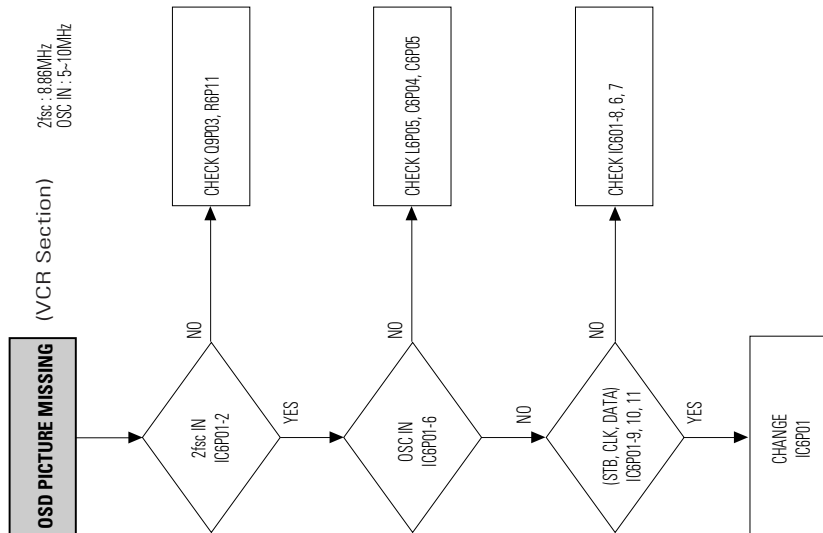


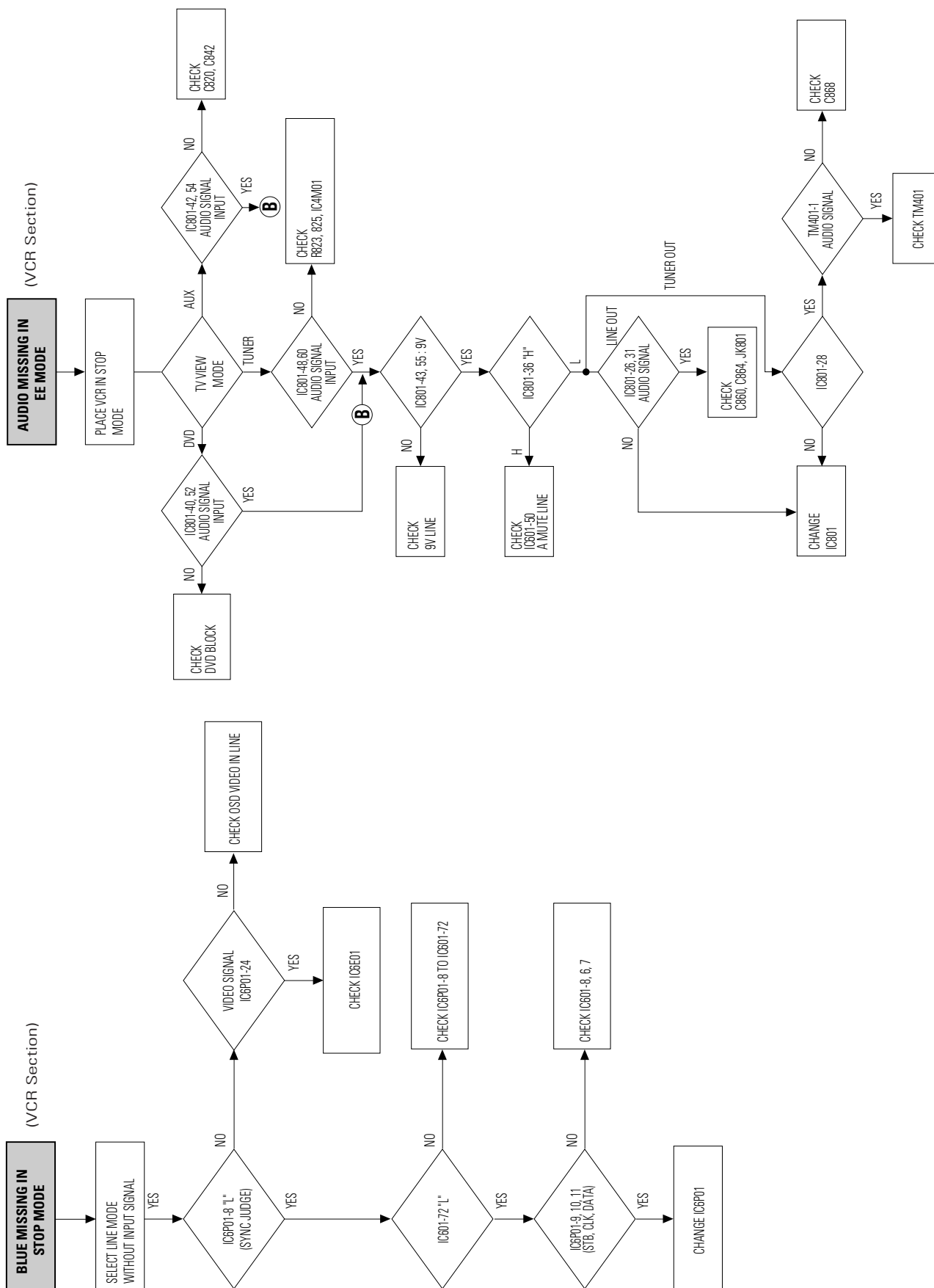


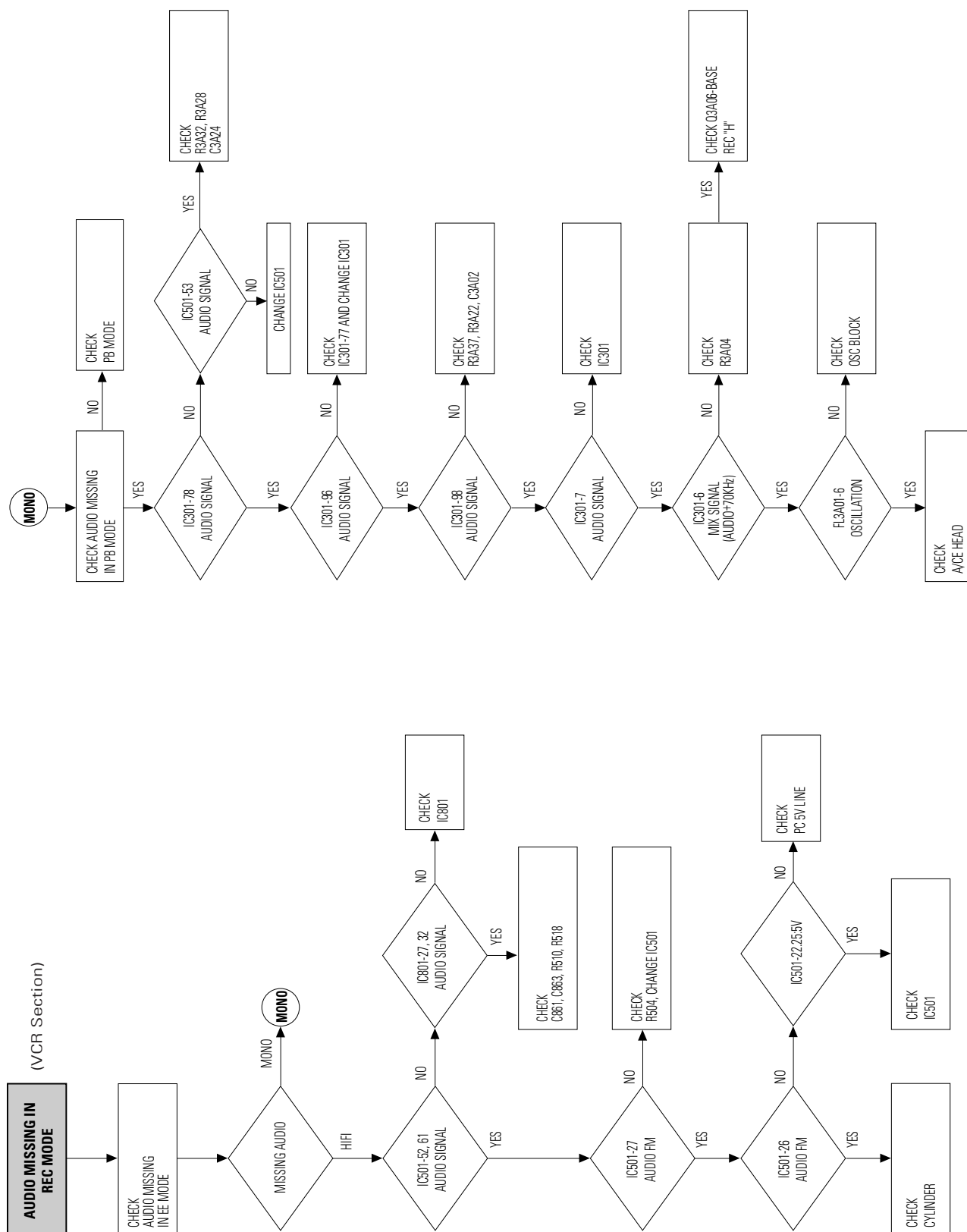


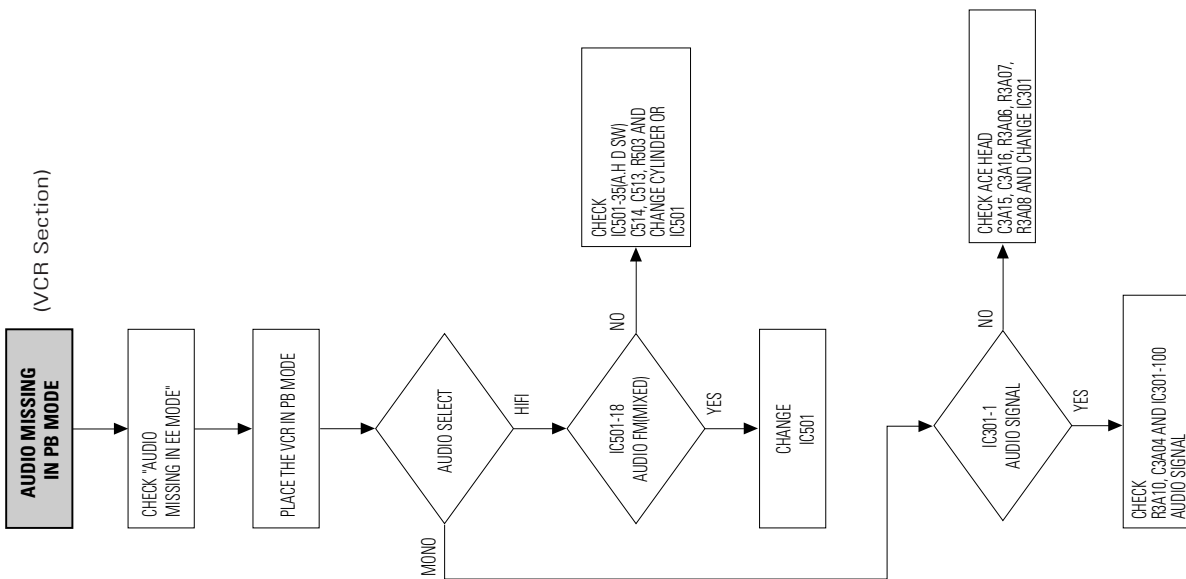
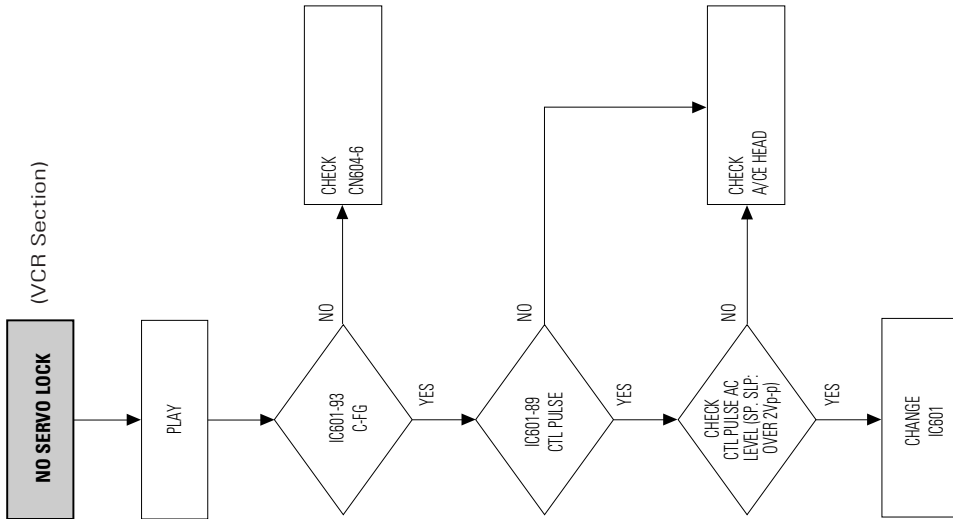


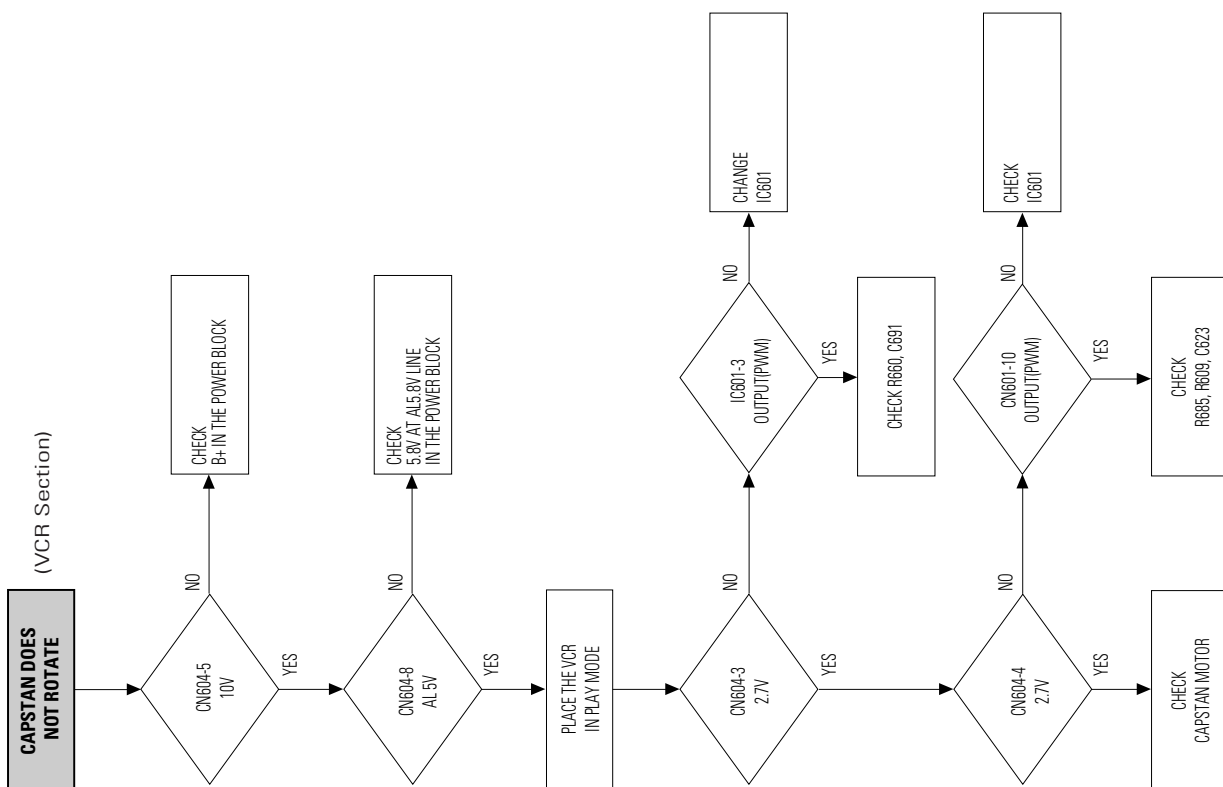
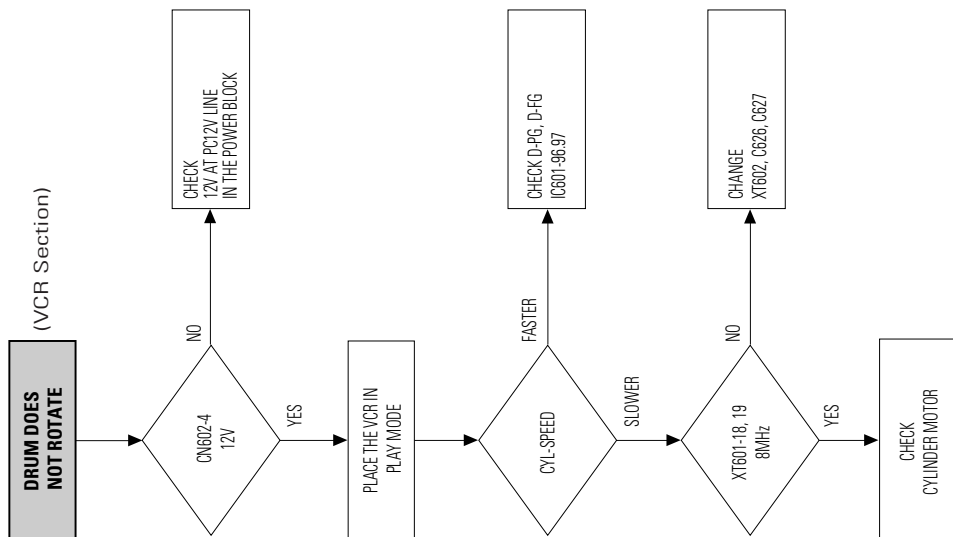


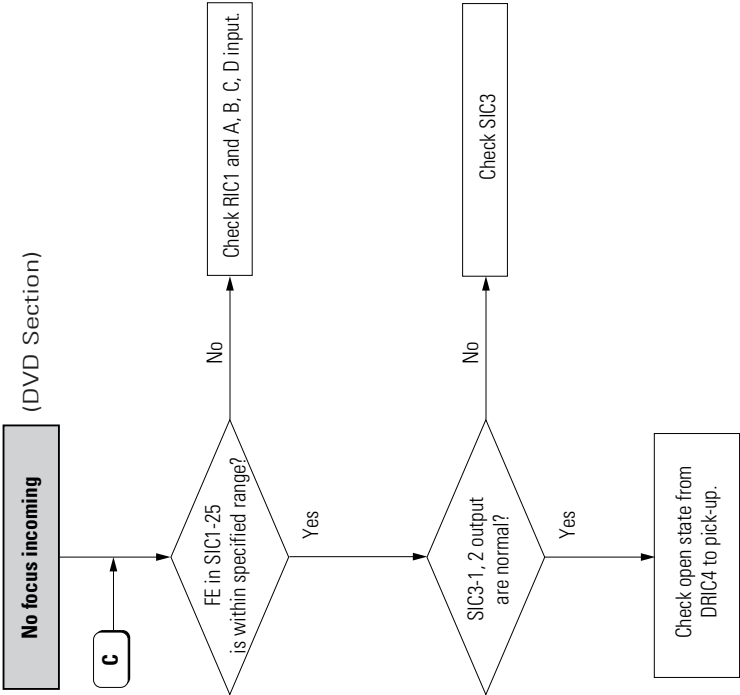
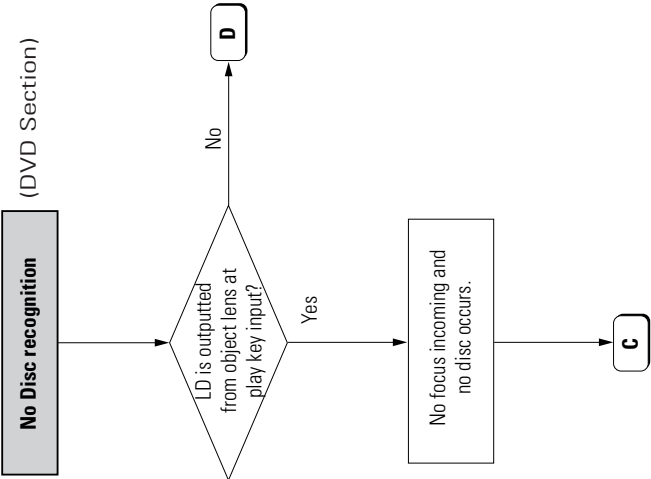


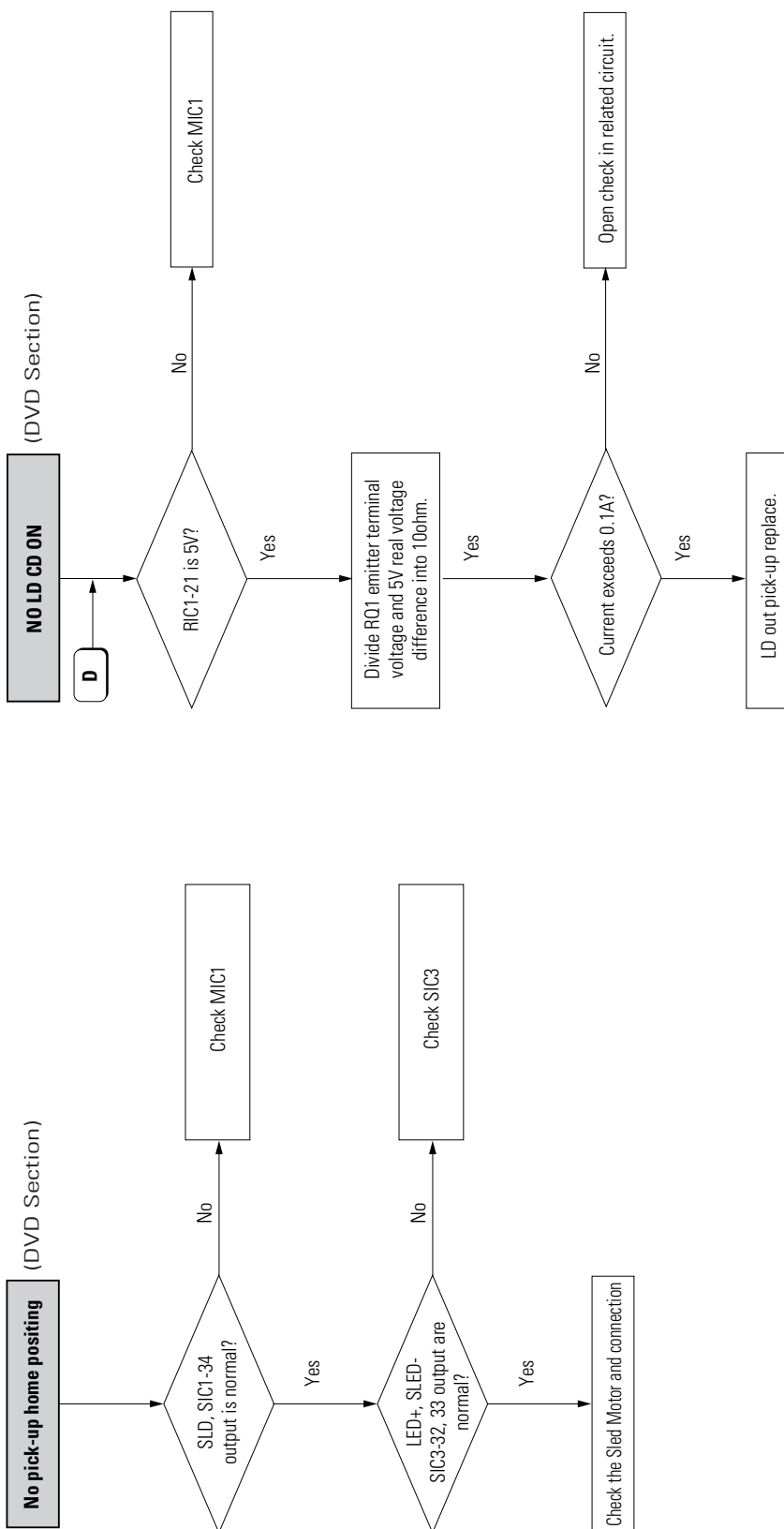


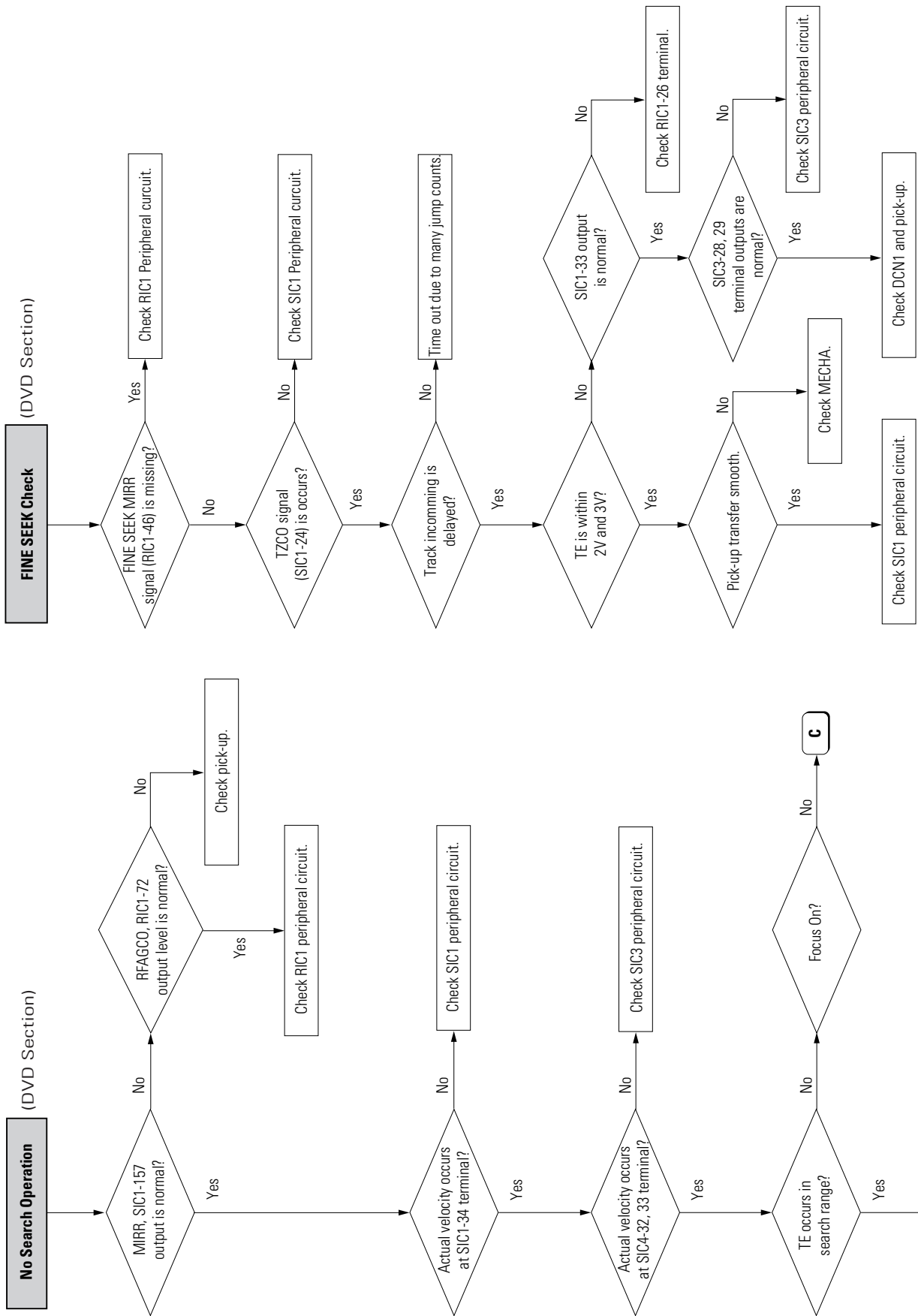


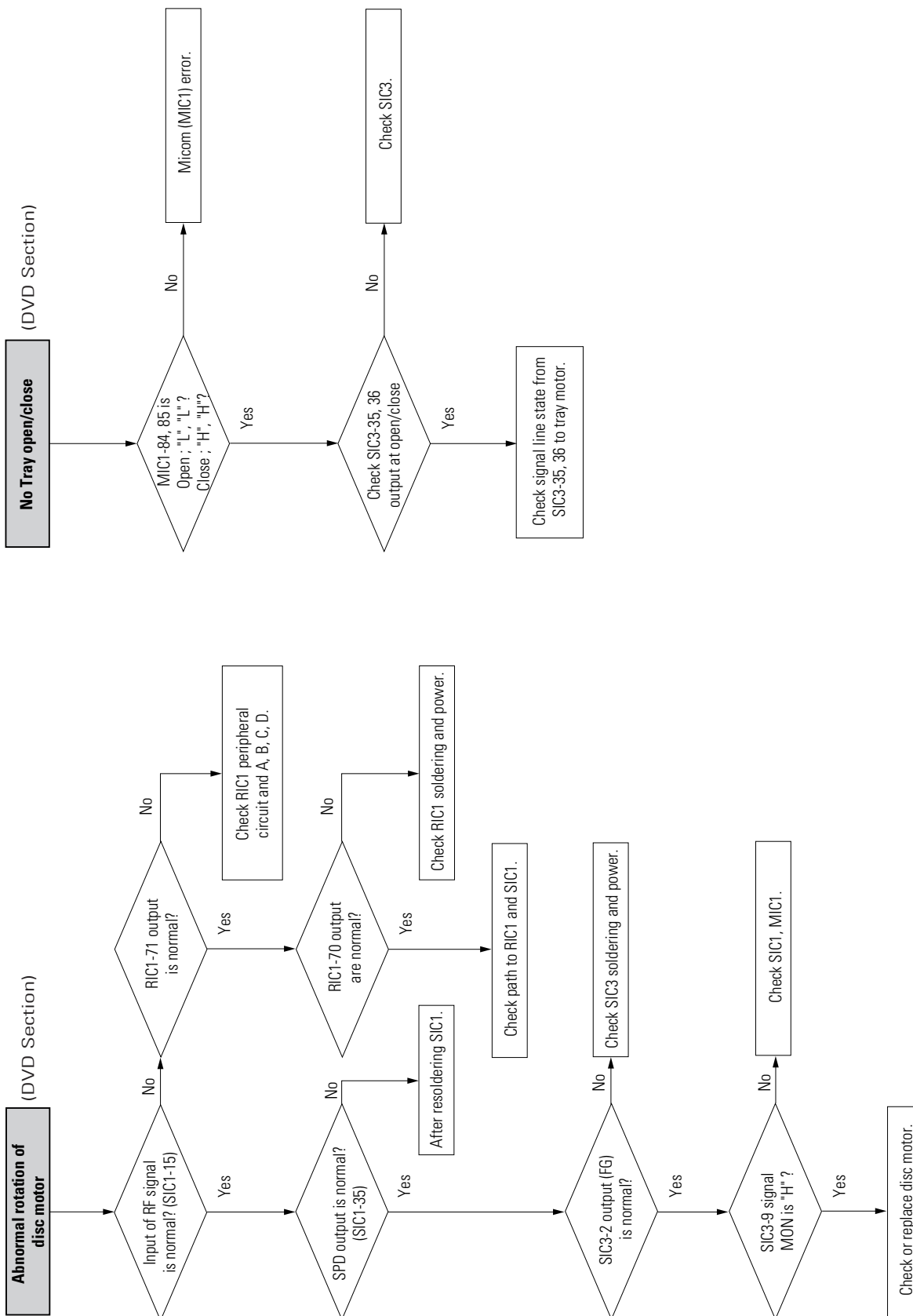


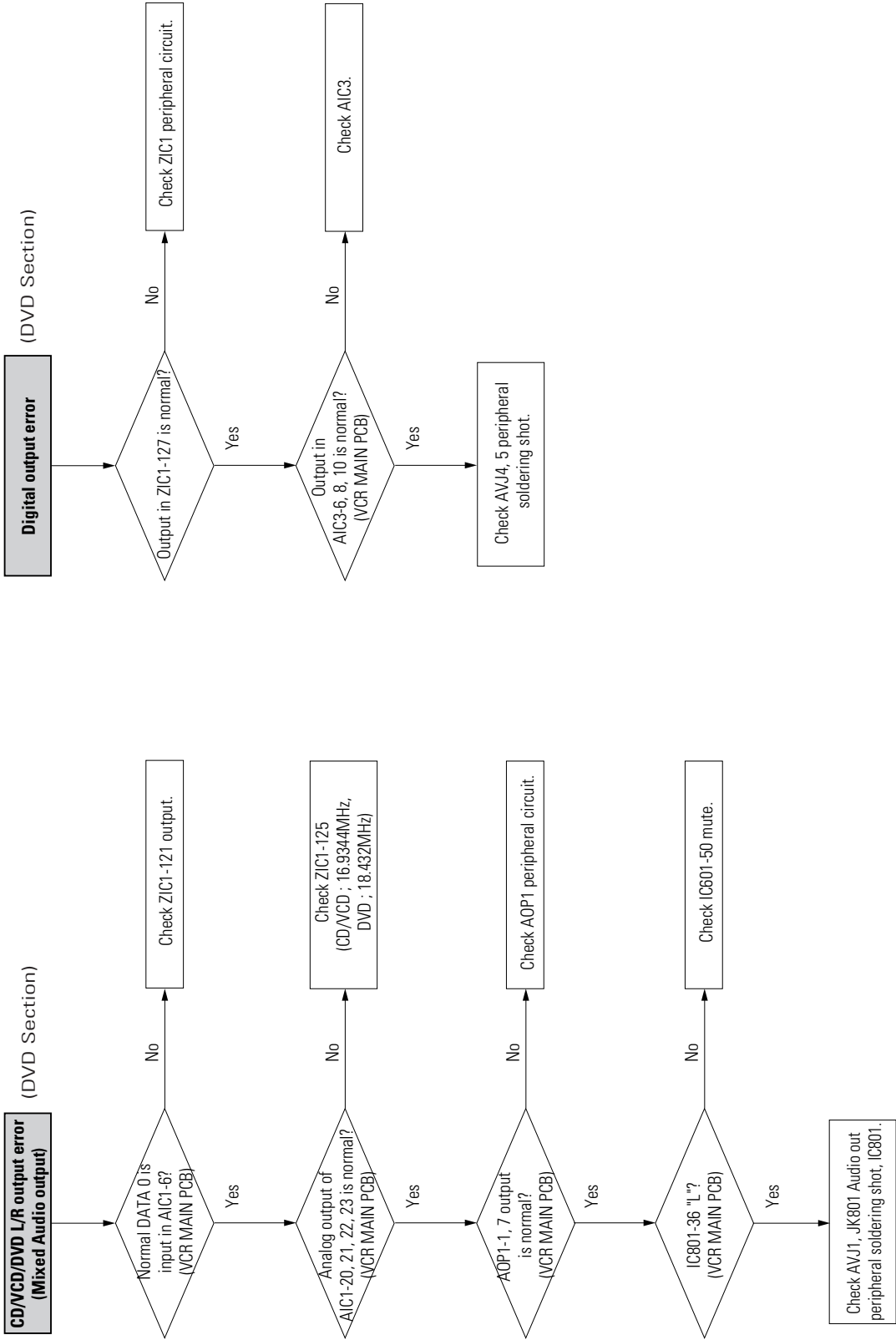


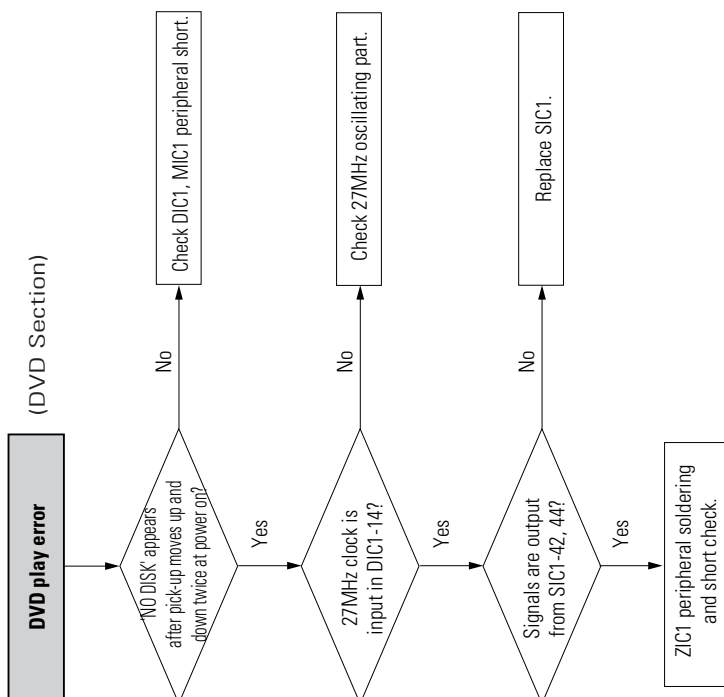
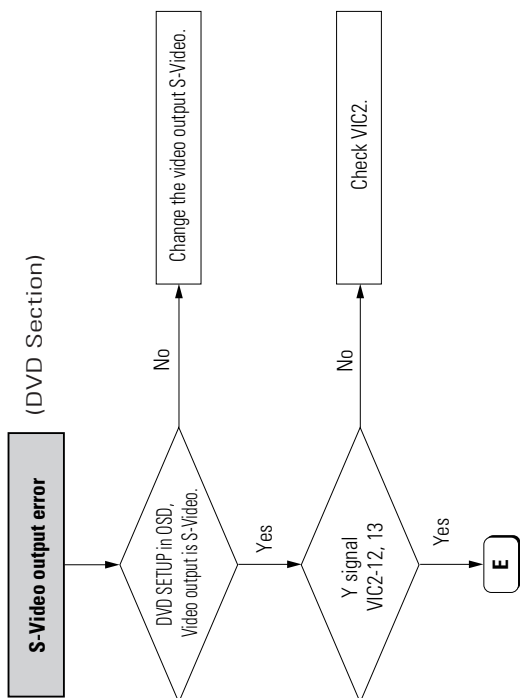


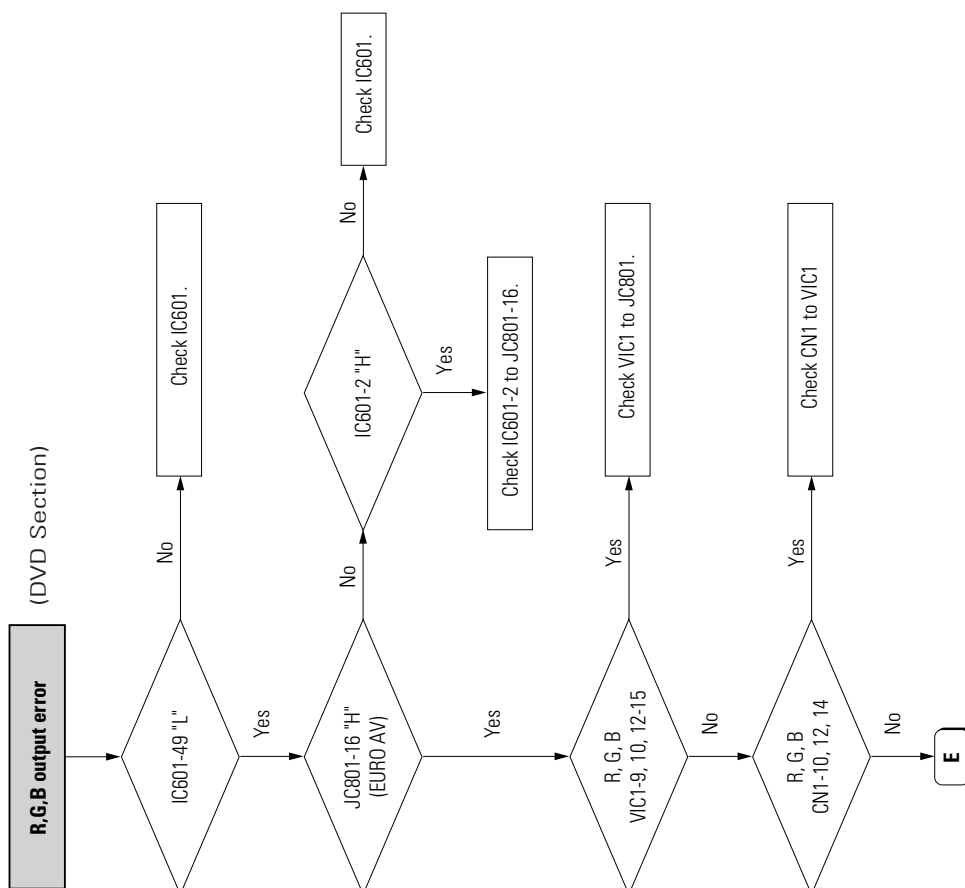
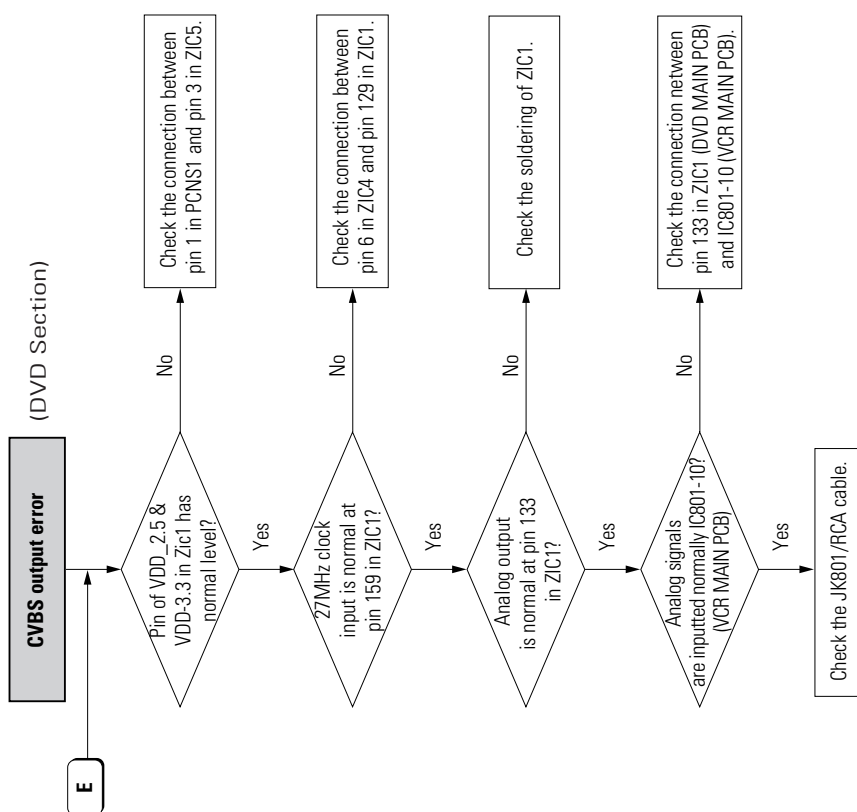










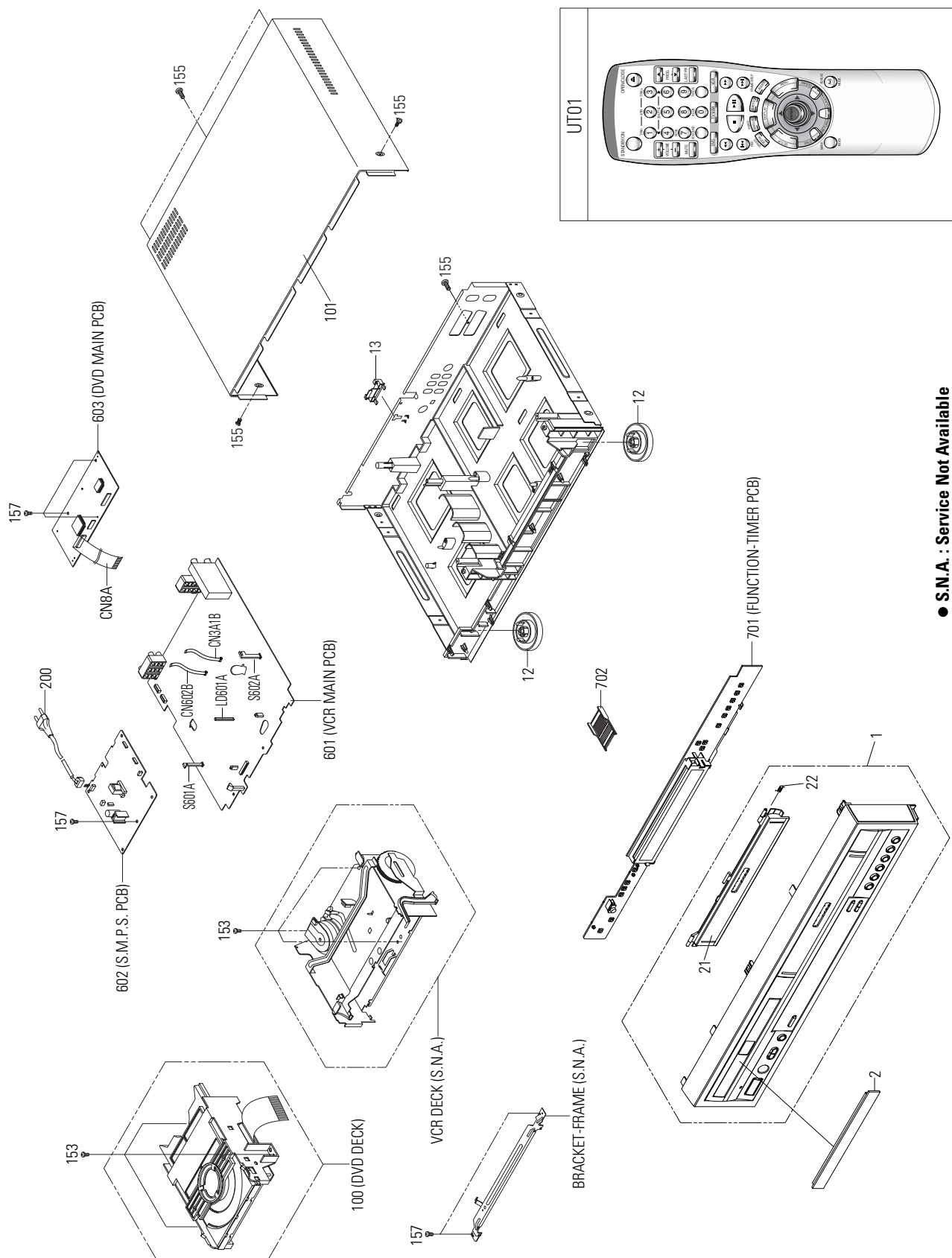


MEMO

6. Exploded View and Parts List

6-1 Cabinet Assembly	6-2
6-2 VCR Mechanical Parts (Top Side)	6-4
6-3 VCR Mechanical Parts (Bottom Side)	6-6
6-4 DVD Mechanical Parts	6-8

6-1 Cabinet Assembly



● S.N.A. : Service Not Available

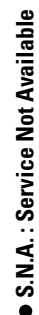
Loc. No	Parts No.	Description ; Specification	Remark
1	Refer to table 6-1 below	ASSY-PANEL FRONT;ABS 94HB,SV-DVD1E	
2	Refer to table 6-1 below	ASSY-DOOR TRAY;ABS94HB,SV-DVD1E/XEF,SILV	
12	AC64-42114A	DECORATION-LEG;SV-4500W,ABS94,HB,-,D/GRY	
13	AH61-00303A	HOLDER-CORD POWER;- ,ABS 94HB,-,BLK,-,DVD	
21	Refer to table 6-1 below	DOOR-CASSETTE;SV-DVD1E/XEG,ABS 94HB,-,SI	
22	AC61-62032A	SPRING-MASK;X-9,-,SUS,-,4.4,-,SV-C130	
100	AH97-00367B	ASSY DVD DECK;2LD,DVR-5000,DP-5A	
101	AC64-00429D	CABINET TOP-ASSY;SV-DVD1E,ASSY,PCM(SECC)	
153	AC60-12126A	SCREW-BH;- ,BH,-,4*12,FE,FZY,-,-	
155	6003-000275	SCREW-TAPTITE;BH,+ ,B,M3,L10,BLK ,SWCH101	
157	AC60-10063A	SCREW-TAPTITE;BH,+ ,-,M3,L12,ZPC3,SWRCH18	
200	Refer to table 6-1 below	POWER CORD;KKP-419C,H03VVH2-F,VDE/KEMA-K	
601	Refer to table 6-1 below	ASSY PCB-VCR MAIN;DVS-30,FREE,2SCART,RCA	
602	AC92-00918A	ASSY OPT PCB-SMPS;SV-DVD1E,SMPS	
603	Refer to table 6-2 below	ASSY PCB-DVD MAIN;SV-DVD1E,MAIN PCB	
701	AC92-00789A	ASSY OPT PCB-TIMER;SV-DVD1,TIMER	
702	3711-003460	CONNECTOR-HEADER;NOWALL,20P,1R,1.5mm,STR	
CN3A1B	3809-001111	CABLE-FLAT;30V,80C,130mm,7P,1.25mm,UL289	
CN602B	3809-001149	CABLE-FLAT;30V,80C,120MM,5P,1.25MM,UL289	
CN8A	3809-001122	CABLE-FLAT;30V,80C,250MM,35P,1.25MM,UL28	
LD601A	AC61-21009A	HOLDER-LED;- ,POM(M90-44),-,BLK,-,X-9	
S601A	AC61-21008A	HOLDER-SENSOR;- ,POM(M90-44),-,BLK,-,X-9	
S602A	AC61-21008A	HOLDER-SENSOR;- ,POM(M90-44),-,BLK,-,X-9	
UT01	AC59-00022C	REMOCON-ASSY;SV-DVD1E,-,-,-,-,-,MU	

<Table 6-1>

COUNTRY	1	2	21	200	601
COMMON	AC97-01319A	AC97-01271A	AC64-00554C	AC39-10019A	AC92-00680A
U.K.	AC97-01319A	AC97-01271A	AC64-00554C	AC39-12022K	AC92-00680A
FRANCE/SWITZERLAND	AC97-01269A	AC97-01271A	AC64-00554B	AC39-10019A	AC92-00776A
ITALY	AC97-01358A	AC97-01359A	AC64-00554F	AC39-10019A	AC92-00680A
RUSSIA	AC97-01269A	AC97-01271A	AC64-00554B	AC39-10019A	AC92-00919A

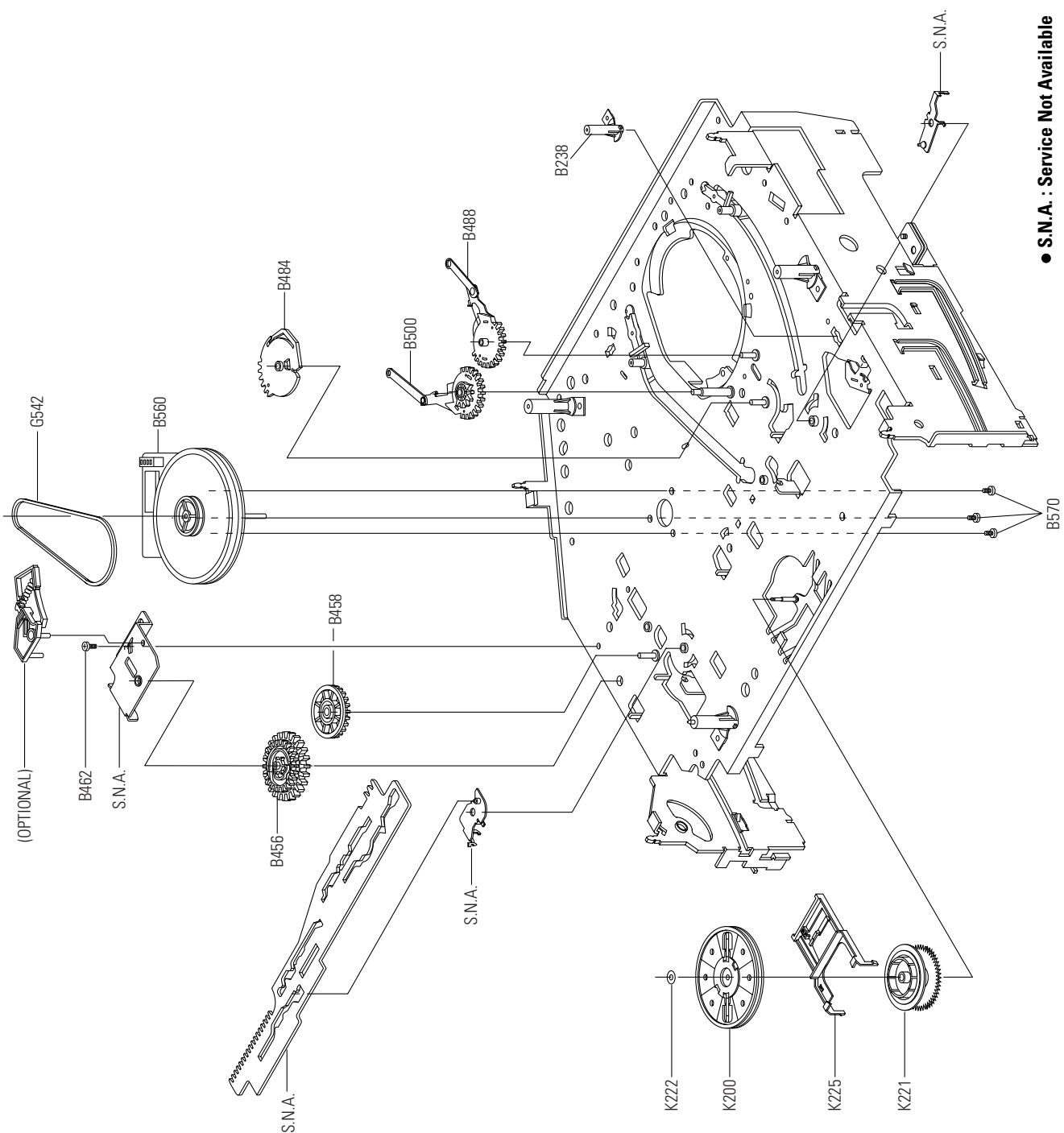
<Table 6-2>

REGIONAL NO.	603
2	AH92-00337Z
5	AH92-01004A



Loc. No	Parts No.	Description ; Specification	Remark
B410	AC31-12016A	MOTOR-LOADING ASSY;-,-,X-9	
B440	AC60-10515A	SCREW-MACHINE;-,-,PH,+,-,M3,L3,ZPC,-,YEL	
B444	AC66-20571A	GEAR-WORM;-,-,POM SW-01,0.5,2,-,4.5,X-9	
B446	AC61-21005A	HOLDER-WORM;-,-,POM M90-44,-,-,-,X-9	
B448	AC66-20573A	GEAR-WORM WHEEL;-,-,POM SW-01,0.6,11,-,6.6	
B452	AC66-20575A	GEAR-FL CAM;-,-,POM SW-01,M0.6,Z88,-,PCD58	
B473	AC61-60559A	SPRING-PINCH DRIVE;-,-,TS,SUS304,PI0.5,OD4	
G001	AC97-00566A	ASSY-CYLINDER;CX-9T,SECAM,6HD	
G420	AC66-80142A	SLIDER-SUPPLY ASSY;-,-,X-9(TS),-,-,-,X-9	
G450	AC66-80141A	SLIDER-TAKE UP ASSY;-,-,X-9(TS),-,-,-,X-9	
G480	AC33-10217H	HEAD-ACE ASSY;-,-,-,-,X-9	
G510	AC60-10518A	SCREW-TAP TITE;-,-,PH,+,-,SW+ZW,M2.6,L5.6,ZP	
G520	AC66-30539A	LEVER-#9 GUIDE ASSY;-,-,X-9(TS),-,-,-,X-9	
G527	AC61-60553A	SPRING-#9 GUIDE;-,-,ES,SUS304-WPB,OD3.1,0.	
G530	AC33-10217G	HEAD-FE;VAA00000275,-,-,-,X-9	
G532	AC60-10519A	SCREW-TAP TITE;-,-,PH,+,-,M2.6,L8,ZPC	
G546	AC66-30535A	LEVER-FL DOOR;-,-,POM M90-44,-,-,BLK,X-9	
G555	AC59-90403A	UNIT-PINCH ASSY;X-9,-	
G680	AC66-30557A	LEVER-H/CLEANER ASSY;-,-,POM+URETHANE,-,-	(OPTIONAL)
K110	AC66-10267A	REEL-DISK S;-,-,POM M90-44,-,-,X-9	
K140	AC66-10268A	REEL-DISK T;-,-,POM M90-44,-,-,X-9	
K182	AC66-30524A	LEVER-IDLER;-,-,POM9044,-,-,-,-	
K188	AC66-20577A	GEAR-IDLER;-,-,PEBAX 7033,-,-,-,-,X-9	
K240	AC66-30538A	LEVER-TENSION ASSY;-,-,X-9(TS),-,-,-,X-9	
K248	AC61-60554A	SPRING-TENSION LEVER;-,-,ES,SUS304-WPB,OD3	
K250	AC63-12029A	BAND-BRAKE ASSY;-,-,X-9(TS),-,-,-,X-9	
K330	AC66-30550A	LEVER-S.BRAKE ASSY;-,-,POM+SUS,-,-,-,X-9	
K340	AC66-30549A	LEVER-T.BRAKE ASSY;-,-,POM+SUS,-,-,-,X-9	
K350	AC61-60564A	SPRING-BRAKE;-,-,TENSION,SWP-A,0.25,3,-,X-	
K490	AC61-21010B	HOLDER-CASS ASSY;-,-,SECC+POM+SUS,-,-,-,SEIN	
K502	AC61-60561A	SPRING-FL.LEVER-LR;-,-,ES,SUS304 WPB,PI2.7	
K530	AC66-30546A	LEVER-FL.ARM ASSY;-,-,SECC+POM+SUS,-,-,-,	
K546	AC61-50658A	GUIDE-CASS. DOOR;-,-,POM M90-44,-,-,NTR,-,	

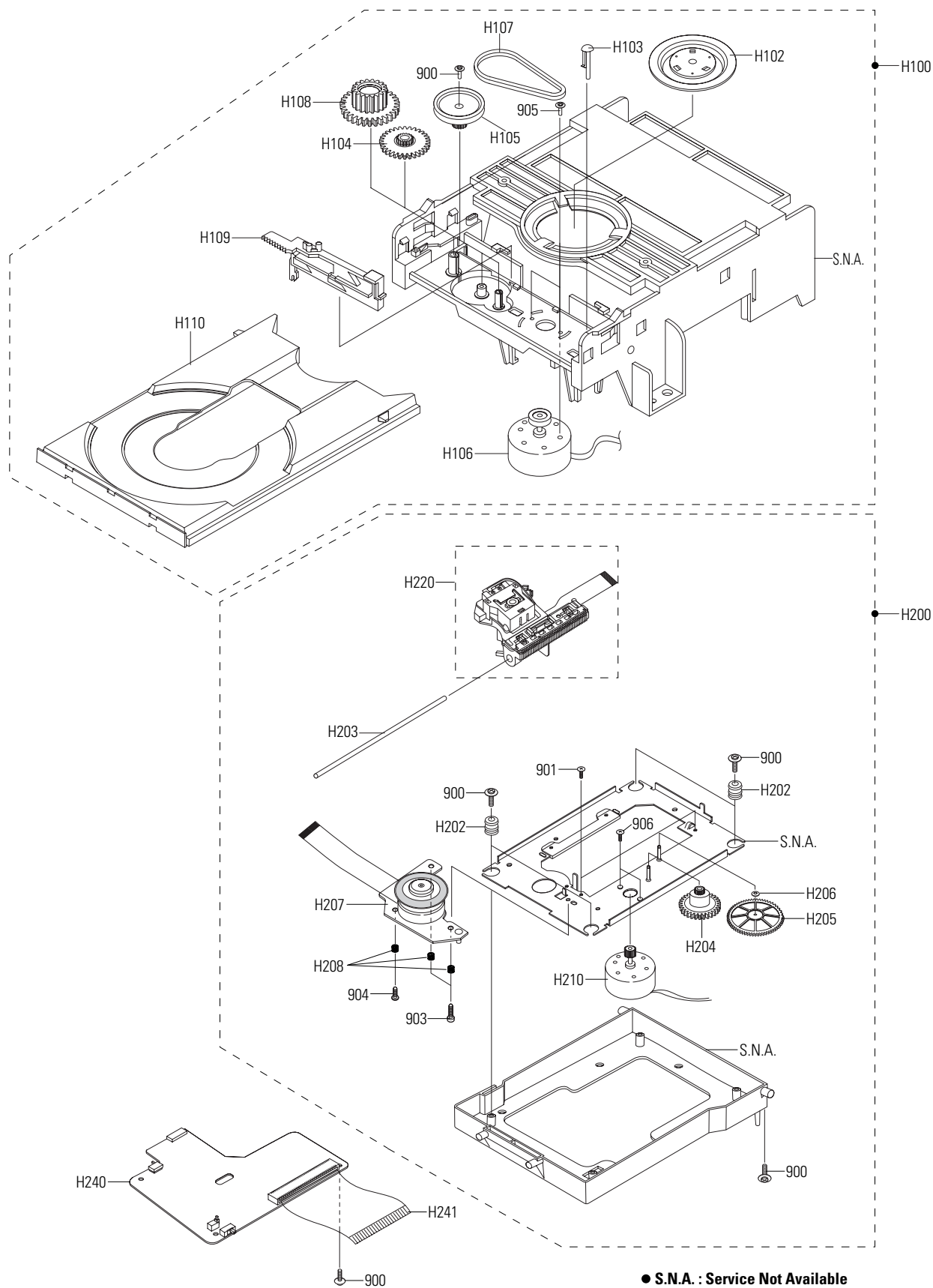
6-3 VCR Mechanical Parts (Bottom Side)



● S.N.A. : Service Not Available

Loc. No	Parts No.	Description ; Specification	Remark
B238	AC61-50660A	SLEEVE-TENSION;-;POM M90-44,-,-,ID3,-,-,	
B456	AC66-20576A	GEAR-JOINT 1;-;POM SW-01,M1.0,Z22,-,PCD2	
B458	AC66-20574A	GEAR-JOINT 2;-;POM SW-01,M1.0,Z14,-,PCD1	
B462	AC60-10517A	SCREW-TAP TITE;-;PH,+,-,M2.6,L5,ZPC,-,YE	
B484	AC66-20580A	GEAR-LOADING DRIVE;-;POM SW-01,M1.0,Z32,	
B488	AC66-30543A	LEVER-S LOAD ASSY;-,-,-,-,X-9	
B500	AC66-30542A	LEVER-T LOAD ASSY;-,-,-,-,X-9	
B560	AC31-12017A	MOTOR-CAPSTAN;DMVCMC07C,-,X-9	
B570	AC60-10514A	SCREW-CAPSTAN;-;PH,+,-,M2.6,L6,-	
G542	AC66-60051A	BELT-PULLEY;-;5CM-70,2 * 2,-,71.3,-,X-9	
K200	AC61-21012A	HOLDER-CLUTCH ASSY;-,-,-,-,X-9	
K221	AC66-20581A	GEAR-CENTER ASSY;-;POM,M=0.5,-,HIGHT T.,	
K222	AC60-30306A	WASHER-SLIT;-,-,ID2.1,OD5.0,T0.5,-,POLYS	
K225	AC66-30547A	LEVER-UP DOWN ASSY;-;POM+SUS,-,-,-,X-9	

6-4 DVD Mechanical Parts



Loc. No	Parts No.	Description ; Specification	Remark
900	6003-001157	SCREW-TAPTITE;PWH,+,B,M2,L6,ZPC(YEL),SWR	
901	6001-001332	SCREW-MACHINE;FH,+,M2,L8,ZPC(YEL),SWRCH1	
903	6001-001333	SCREW-MACHINE;SOCKET,HEX,M2.6,L8,ZPC(YEL)	
904	6001-001196	SCREW-MACHINE;BH,+,M2,L4,ZPC(YEL),SWRCH	
905	BG60-10020A	SCREW-SP MOTOR;- ,BHW TOOTH,- ,-,M1.7,L3,-	
906	AH60-00010A	SCREW-MACHINE-MOTOR;- ,+,SWCH18AK,M1.7,L2	
H100	AH61-00391B	HOUSING-ASSY;DP-5,ABS+POM,- ,-, -, -, -, -, -	
H102	AH66-00111A	CLAMPER-ASSY;DP-5,POM+MAGNET,- ,-, -,DP-5	
H103	AH66-00080A	LEVER-S/W;WHITE,- ,-, -, -, -, -	
H104	AH66-00074A	GEAR-HOUSING;- ,POM M90-44,- ,-, -, -, -, -	
H105	AH66-00072A	PULLEY-GEAR;- ,POM M90-44,- ,-, -	
H106	AH31-00015A	MOTOR-LOAD ASSY;- ,DP-5,- ,-	
H107	AH66-00112A	BELT-PULLEY;- ,CR,T1.5,ID30,- ,-,DP-5	
H108	AH66-00073A	GEAR-TRAY;- ,POM M90-44,- ,-, -, -, -, -	
H109	AH66-00079A	SLIDER-HOUSING;DP-5,- ,-, -,POM(KEPITAL F2	
H110	AH66-00081A	TRAY-DISC;- ,ABS HR0370F,- ,BLK,- ,DP-5	
H200	AH97-00369B	ASSY-P/U DECK;2LD,DP-5,-	
H202	AH73-00023A	RUBBER-INSULATOR;BUTYL RUBBER,- ,DP-3,	
H203	AH61-50327A	SHAFT-P/U;DP,SUS420J2,OD3,L84.7,S/FINISH	
H204	AH66-00075A	GEAR-FEED A;- ,POM M90-44,- ,-, -, -, -, -	
H205	AH66-00076A	GEAR-FEED B;- ,POM M90-44,- ,-, -, -, -, -	
H206	AC60-30306A	WASHER-SLIT;- ,ID2.1,OD5.0,T0.5,- ,POLYS	
H207	AH31-00017A	MOTOR-SPINDLE ASSY;- ,DP-5,- ,-	
H208	AH61-00403A	SPRING-SPINDLE;- ,SWPB,- ,CS,PI4.9,PI0.7,-	
H210	AH31-00016A	MOTOR-FEED ASSY;- ,DP-5,- ,-	
H220	AJ97-00014A	ASSY-PICK-UP;SOH-D2A,- ,-	
H240	AH92-00609A	ASSY PCB-DECK;DVD-811/XAA,VALINO DECK 2L	
H241	3809-001208	CABLE-FLAT;30V,80C,300mm,40P,1.25mm,UL28	

MEMO

7. Electrical Parts List

Loc.No	Part No	Description ; Specification	Remark	Loc.No	Part No	Description ; Specification	Remark
601				L601	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				L603	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				L604	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				L605	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				LD601	0601-000517	LED-IR;RECTANGULA,4x6.0mm,75mW,6V,950	
				PT601	0604-001206	PHOTO-INTERRUPTER;TR,-,150mW,CY5894102,B	
				PT602	0604-001206	PHOTO-INTERRUPTER;TR,-,150mW,CY5894102,B	
				R608	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
				R609	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R610	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R611	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R612	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R613	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
				R614	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R641	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
				R642	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
				R644	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R647	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
				R650	2003-000259	R-METAL OXIDE;3.9OHM,5%,2W,AE,TP,6X16MM	
				R651	2001-000010	R-CARBON;68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R652	2001-000568	R-CARBON;27OHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R657	2007-001124	R-CHIP;68KOHM,1%,1/10W,DA,TP,2012	
				R660	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R661	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R666	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R667	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R668	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R669	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R670	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
				R671	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
				R672	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
				R673	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
				R674	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R675	2001-000032	R-CARBON;180OHM,5%,1/4W,AA,TP,2.4X6.4MM	
				R676	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R677	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R678	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R679	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R682	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R685	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R690	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
				R691	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R692	2001-000036	R-CARBON;330OHM,5%,1/4W,AA,TP,2.4X6.4MM	
				R694	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				R695	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				S601	0603-001011	PHOTO-TR;NPN,35V,6V,50mA,75mW,BK	
				S602	0603-001011	PHOTO-TR;NPN,35V,6V,50mA,75mW,BK	
				SW601	AC34-20100A	SWITCH-MODE;-,-X-9,-	
				SW602	AC34-20100B	SWITCH-REC;-,-X-9,-	
				W007	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				W036	2001-000666	R-CARBON;330OHM,5%,1/8W,AA,TP,1.8X3.2MM	
				W326	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				W327	2702-000106	INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm	
				W329	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
				XT3X1	2801-001397	CRYSTAL-UNIT;4.433619MHZ,HC-49/U-S 15PPM	
				XT601	2801-003318	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAP,12.5	
				XT602	2801-003139	CRYSTAL-UNIT;8MHz,50ppm,28-AAA,22pF,80oh	
				ZD601	0403-000555	DIODE-ZENER;MTZ30D,30V,29.02-30.51V,500m	
C601 2202-002037 C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V							
C602 2202-002037 C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V							
C603 2401-003107 C-AL;47uF,20%,16V,GP,TP;5x7.5							
C604 2203-000260 C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012							
C605 2202-000797 C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,							
C606 2202-000797 C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,							
C607 2401-001775 C-AL;470nF,20%,50V,GP,TP,4x7.5							
C608 2401-002259 C-AL;0.1F,+80-20%,5.5V,-,TP,12.5x11							
C610 2203-000192 C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,							
C618 2401-002095 C-AL;47uF,20%,25V,GP,TP,6.3x5.5							
C619 2203-000260 C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012							
C620 2203-000260 C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012							
C621 2401-001573 C-AL;47uF,20%,50V,GP,TP,6.3x11.2,5							
C622 2301-001006 C-FILM,PEF;68nF,5%,50V,TP,8x4x8.5mm,5mm							
C623 2202-000807 C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V							
C624 2203-000634 C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,201							
C625 2203-000634 C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,201							
C626 2203-000634 C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,201							
C627 2203-000634 C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,201							
C633 2202-000797 C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,							
C634 2203-000260 C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012							
C635 2203-000495 C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012							
C636 2203-000495 C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012							
C637 2203-000938 C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012							
C638 2401-002299 C-AL;4.7uF,20%,50V,GP,TP,5x7.5							
C639 2203-000239 C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012							
C640 2203-000192 C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,							
C641 2401-002165 C-AL;100uF,20%,16V,GP,TP,6.3x7.5							
C642 2401-003107 C-AL;47uF,20%,16V,GP,TP,5x7.5							
C643 2401-001507 C-AL;47uF,20%,16V,GP,TP,6.3x5.5							
C645 2401-001507 C-AL;47uF,20%,16V,GP,TP,6.3x5.5							
C646 2203-000192 C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,							
C650 2401-001507 C-AL;47uF,20%,16V,GP,TP,6.3x5.5							
C651 2401-001479 C-AL;470uF,20%,10V,GP,TP,-,-							
C652 2401-001507 C-AL;47uF,20%,16V,GP,TP,6.3x5.5							
C688 2401-001507 C-AL;47uF,20%,16V,GP,TP,6.3x5.5							
C690 2301-001006 C-FILM,PEF;68nF,5%,50V,TP,8x4x8.5mm,5mm							
C691 2203-000260 C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012							
C692 2401-002299 C-AL;4.7uF,20%,50V,GP,TP,5x7.5							
C693 2202-000286 C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1.							
C694 2203-001579 C-CERAMIC,CHIP;15nF,10%,50V,NP0,TP,2012							
CN01 3708-001364 CONNECTOR-FPC/FC/PIC;35P,1.25MM,STRAIGHT							
CN1P1 3711-000596 CONNECTOR-HEADER;BOX,10P,1R,2mm,STRAIGHT							
CN1P2 AC39-00055A CBF HARNESS;SV-DVD1E,-,-,10P,80,-,-,5264							
CN601 AC39-20817S LEAD CONNECTOR-ASSY;DPSMH200-02,YBH200-							
CN602 3708-001163 CONNECTOR-FPC/FC/PIC;5P,1.25mm,STRAIGHT,							
CN603 3710-001146 CONNECTOR-SOCKET;20P,1R,1.5mm,ANGLE,SN							
CN604 3711-003749 CONNECTOR-HEADER;BOX,8P,2R,2mm,STRAIGHT,							
D603 0401-000101 DIODE-SWITCHING;1N4148,100V,200mA,DO-35,							
D613 0402-000127 DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP							
D620 0402-000127 DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP							
D692 0402-000127 DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP							
IC601 AC09-00184A IC MICOM;N120-A23-3BA,SV-DVD1E,100PINS,							
IC602 1003-001162 IC-MOTOR DRIVER;KA3082,SIP,10PIN,25MIL,D							
IC604 AC14-12009W IC-RESET;PST572K,TO-92,R59-1766 2.5V							
IC605 1103-001171 IC-EEPROM;L51DC,16KBit,DIP,8P,300MIL,10m							
IC608 1203-000515 IC-VOL DETECTOR;7042,TO-92,3P,177MIL,PL							
J06 2007-000029 R-CHIP;0OHM,5%,1/10W,DA,TP,2012							
J601 2007-000029 R-CHIP;0OHM,5%,1/10W,DA,TP,2012							

Loc.No	Part No	Description ; Specification	Remark
AN PARTS			
C301	2401-000665	C-AL;2.2uF,20%,50V,GP,TP,3.5x5.5	
C302	2203-000989	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C303	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5.5	
C304	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,201	
C306	2203-000839	C-CERAMIC,CHIP;0.39nF,5%,50V,NP0,TP,2012	
C307	2203-000392	C-CERAMIC,CHIP;0.015nF,5%,50V,SL,TP,2012	
C308	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C309	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7.5	
C310	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5.2.5	
C311	2401-000918	C-AL;22uF,20%,16V,GP,-6.3x7.5	
C313	2202-000173	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1	
C314	2401-001775	C-AL;470nF,20%,50V,GP,TP,4x7.5	
C315	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5	
C316	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C318	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C320	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5.5	
C321	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5.2.5	
C322	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7.5	
C323	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C324	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C325	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
C326	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V	
C327	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C328	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
C329	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
C330	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
C331	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C332	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C333	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7.5	
C334	2203-000989	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C335	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5.5	
C336	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5.5	
C337	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012	
C338	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C339	2203-000989	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012	
C340	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012	
C341	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C342	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C343	2203-000476	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,TP	
C345	2203-001088	C-CERAMIC,CHIP;0.005nF,0.25pF,50V,NP0,TP	
C346	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C347	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,201	
C348	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NP0,TP,201	
C349	2203-000429	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,201	
C350	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C380	2203-000316	C-CERAMIC,CHIP;0.12nF,5%,50V,NP0,TP,2012	
C381	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C382	2203-001245	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,201	
C390	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V	
C391	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
C392	2203-000634	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,201	
C393	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C394	2203-001592	C-CERAMIC,CHIP;1nF,5%,50V,X7R,TP,2012	
C3A01	2401-003122	C-AL;4.7uF,20%,50V,LL,TP,4X7.1.5	
C3A02	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C3A04	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C3A08	2203-001105	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,2012	
C3A09	2203-001105	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,2012	
C3A10	2203-001214	C-CERAMIC,CHIP;8.2nF,10%,50V,X7R,TP,2012	
C3A12	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C3A13	2203-000323	C-CERAMIC,CHIP;12nF,10%,50V,X7R,TP,2012,	
C3A14	2203-001105	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,2012	
C3A15	2203-001388	C-CERAMIC,CHIP;10nF,5%,50V,X7R,TP,2012	
C3A16	2401-003122	C-AL;4.7uF,20%,50V,LL,TP,4X7.1.5	
C3A17	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5.2.5	
C3A18	2203-001592	C-CERAMIC,CHIP;1nF,5%,50V,X7R,TP,2012	

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C3A21	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,2012	
C3A23	2401-001169	C-AL;33uF,20%,16V,GP,-6.3x7.2.5mm	
C3A24	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C3A25	2401-000918	C-AL;22uF,20%,16V,GP,-6.3x7.5	
C3A29	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V	
C3A30	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C3A50	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C3A51	2401-000471	C-AL;10uF,20%,50V,BP,TP,5x11.5mm	
C3D01	2301-001388	C-FILM,PEF;47nF,5%,100V,TP,7.5x4.5x10.5m	
C3D02	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5.5	
C3D03	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C3D04	2203-000891	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012	
C3D05	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C3Q1	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C3Q2	2203-000818	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,201	
C3Q3	2203-001088	C-CERAMIC,CHIP;0.005nF,0.25pF,50V,NP0,TP	
CN301	3708-000391	CONNECTOR-FPC/FC/PIC;10P;1.25MM,STRAIGHT	
CN3A01	3708-001302	CONNECTOR-FPC/FC/PIC;7P;1.25mm,STRAIGHT,	
CN3A02	3711-002445	CONNECTOR-HEADER;BOX;2P,2R;1.5MM,STRAIGH	
D302	0401-000101	DIODE-SWITCHING;1N4148;100V,200mA,DO-35,	
FL3A01	AC27-80100C	COIL-OSC;7mm,2.4mH,-	
FL3D01	AC27-82001C	COIL-BIAS OSC;B02,W(TOKO)VX1850,-	
IC301	1204-001649	IC-VIDEO PROCESS;LA71598M,QFP;100P-,PLA	
J03	2007-000029	R-CHIP;00HM,5%,1/10W,DA,TP,2012	
L301	2701-000206	INDUCTOR-AXIAL;56uH,5%,2.4x3.4mm	
L302	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
L306	2701-000119	INDUCTOR-AXIAL;120uH,5%,2.4x3.4mm	
L310	2702-000106	INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm	
L3A01	2702-000120	INDUCTOR-RADIAL;15mH,5%,6.2x7.4mm	
L3A02	2702-000106	INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm	
L3A03	2702-000106	INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm	
L3D01	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
L3Q1	2701-000206	INDUCTOR-AXIAL;56uH,5%,2.4x3.4mm	
L3Q2	2701-000131	INDUCTOR-AXIAL;15uH,5%,2.5x3.4mm	
Q302	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
Q303	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q304	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q308	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q309	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q311	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q3A01	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
Q3A03	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,TO-9	
Q3A04	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,TO-9	
Q3A05	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,TO-9	
Q3A06	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T	
Q3D01	0501-000442	TR-SMALL SIGNAL;KTC3203-Y,NPN,400MW,TO-9	
Q3D02	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
Q3D03	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
Q3Q1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q3Q2	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q3Q3	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q3Q4	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q3Q5	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
R301	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
R302	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R303	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R304	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
R306	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
R308	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R309	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R311	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R312	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
R313	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
R314	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
R315	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
R316	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R317	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	

Loc.No	Part No	Description ; Specification	Remark
R318	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R320	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R321	2001-000009	R-CARBON;20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R322	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R325	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
R326	2007-001001	R-CHIP;510OHM,5%,1/10W,DA,TP,2012	
R327	2007-001001	R-CHIP;510OHM,5%,1/10W,DA,TP,2012	
R328	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R329	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
R330	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R331	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
R332	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R333	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R334	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R335	2007-000964	R-CHIP;5.1KOHM,5%,1/10W,DA,TP,2012	
R336	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R341	2007-001208	R-CHIP;82KOHM,5%,1/10W,DA,TP,2012	
R342	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
R347	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R351	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
R3A01	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A04	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R3A05	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
R3A06	2007-000607	R-CHIP;240OHM,5%,1/10W,DA,TP,2012	
R3A07	2007-000757	R-CHIP;330KOHM,5%,1/10W,DA,TP,2012	
R3A08	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
R3A09	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
R3A10	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R3A11	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
R3A12	2001-000458	R-CARBON;2.2OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A13	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R3A14	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A16	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A17	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
R3A18	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
R3A19	2001-000405	R-CARBON;180OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A22	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
R3A23	2007-001224	R-CHIP;9.1KOHM,5%,1/10W,DA,TP,2012	
R3A24	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3A25	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012	
R3A26	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
R3A28	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R3A30	2001-000454	R-CARBON;2.2MOHM,5%,1/8W,AA,TP,1.8X3.2M	
R3A32	2001-000878	R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R3A37	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
R3D01	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3D02	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
R3D03	2001-000745	R-CARBON;4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3N02	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3N03	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R3O1	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012	
R3Q2	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R3Q3	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R3Q4	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
R3Q5	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R3Q6	2007-000258	R-CHIP;1.6KOHM,5%,1/10W,DA,TP,2012	
R3Q7	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
R3Q8	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012	
R3Q9	2007-001155	R-CHIP;750OHM,5%,1/10W,DA,TP,2012	

TM-BLOCK

C402	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V
C403	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5
C404	2401-001085	C-AL;330nF,20%,50V,GP,-5x9.2mm
C405	2401-003046	C-AL;47uF,20%,50V,WT,TP,6.3x11.2,5
C407	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5
C408	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V

Loc.No	Part No	Description ; Specification	Remark
C409	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7.5	
C410	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V	
C411	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP	
D401	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
L401	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
L404	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
R401	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R402	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R403	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R404	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R406	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
R407	2001-000047	R-CARBON;2.2KOHM,5%,1/4W,AA,TP,2.4X6.4M	
R408	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
TM401	AC40-00001H	TM-BLOCK;TCMK0601PD11A,G/I/K/HFI,TCKMK	
TM401	AC40-00001K	TM-BLOCK;TCPL0601PD11A,G/L-Splitter,TCP	France Only

DIGITAL AUDIO PARTS

AC10	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012
AC11	2301-000423	C-FILM,PEF;3.3nF,5%,100V,TP,7x10x4.5mm,5
AC12	2203-000392	C-CERAMIC,CHIP;0.015nF,5%,50V,SL,TP,2012
AC13	2301-000423	C-FILM,PEF;3.3nF,5%,100V,TP,7x10x4.5mm,5
AC14	2301-000402	C-FILM,PEF;1nF,5%,50V,TP,5x7x2.8mm,5mm
AC15	2301-000402	C-FILM,PEF;1nF,5%,50V,TP,5x7x2.8mm,5mm
AC201	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012
AC202	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP
AC203	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012
AC4	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP
AC5	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V
AC6	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP
AC7	2301-000402	C-FILM,PEF;1nF,5%,50V,TP,5x7x2.8mm,5mm
AC8	2301-000402	C-FILM,PEF;1nF,5%,50V,TP,5x7x2.8mm,5mm
AC9	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012
AE1	2401-002042	C-AL;220uF,20%,10V,GP,TP,6.3x11.5
AE11	2401-002042	C-AL;220uF,20%,10V,GP,TP,6.3x11.5
AE17	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5
AE2	2401-002042	C-AL;220uF,20%,10V,GP,TP,6.3x11.5
AE21	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11.5
AE3	2401-002042	C-AL;220uF,20%,10V,GP,TP,6.3x11.5
AE6	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5
AE9	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5
AIC1	1002-001213	IC-D/A CONVERTER;AK4393VF,24BIT,SOP,28P
AIC3	AH14-10004R	IC;M74HC04,SOP,TAPE 14P
AL1	2702-000106	INDUCTOR-RADIAL;100uH,10%,6.2x7.4mm
AL201	2901-001125	FILTER-EMI ON BOARD;50V,0.5A,-220pF,7x2
AOP1	1201-000163	IC-OP AMP;4560,SOP,8P,173MIL,DUAL,100V/m
AR10	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M
AR11	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M
AR14	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR15	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
AR16	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR17	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR18	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012
AR19	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012
AR2	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012
AR201	2007-000766	R-CHIP;330OHM,5%,1/10W,DA,TP,2012
AR202	2007-001247	R-CHIP;910OHM,5%,1/10W,DA,TP,2012
AR203	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM
AR21	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
AR22	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012
AR28	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR29	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR3	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR30	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012
AR31	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
AR32	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012
AR33	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012
AR35	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012

Electrical Parts List

Loc.No	Part No	Description ; Specification	Remark
AR36	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
AR4	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
AR5	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
AR6	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR7	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR8	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR9	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
AVJ1	3722-001600	JACK-RCA;6P;3.5mm,NL,BLK(R2/W2/Y2),-	
AVJ4	3707-001005	CONNECTOR-OPTICAL-PLUG,SM,-,4.4/2.0MM	
AVJ5	3722-001053	JACK-RCA;1P;3.2mm,NL,BLK,-	
FR10	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR11	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR12	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR13	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR24	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR26	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
HC1	2203-001724	C-CERAMIC,CHIP;4700NF,+80-20%,16V,Y5V,TP	
HC2	2202-000173	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1	
HC3	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
HC4	2202-000173	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1	
HE1	2203-001724	C-CERAMIC,CHIP;4700NF,+80-20%,16V,Y5V,TP	
HE2	2401-000010	C-AL;220uF,20%,16V,GP,-,6.3x11mm,2.	
HE3	2401-001479	C-AL;470uF,20%,10V,GP,TP,-,-	
HE4	2203-001724	C-CERAMIC,CHIP;4700NF,+80-20%,16V,Y5V,TP	
HE5	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7,5	
HE6	2401-000010	C-AL;220uF,20%,16V,GP,-,6.3x11mm,2.	
HE7	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7,5	
HL1	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
HR1	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
HR2	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
HR3	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012	
HR4	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
HR5	2007-000221	R-CHIP;1.2KOHM,5%,1/10W,DA,TP,2012	
VC16	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V	

HI-FI PARTS

C501	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5,2.5
C502	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5,5
C503	2401-000918	C-AL;22uF,20%,16V,GP,-,6.3x7,5
C504	2401-001250	C-AL;4.7uF,20%,35V,GP,TP,4x5,5
C505	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012
C506	2401-000922	C-AL;22uF,20%,16V,GP,TP,5x5,5
C507	2401-000922	C-AL;22uF,20%,16V,GP,TP,5x5,5
C508	2203-000891	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012
C509	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012
C510	2401-003107	C-AL;47uF,20%,16V,GP,TP,5x7,5
C511	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,
C512	2203-001665	C-CERAMIC,CHIP;0.56nF,10%,50V,X7R,TP,201
C513	2203-001388	C-CERAMIC,CHIP;10nF,5%,50V,X7R,TP,2012
C514	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5
C515	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5
C516	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012
C517	2203-000891	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,2012
C518	2401-000918	C-AL;22uF,20%,16V,GP,-,6.3x7,5
C519	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012
C520	2401-001250	C-AL;4.7uF,20%,35V,GP,TP,4x5,5
C521	2401-000918	C-AL;22uF,20%,16V,GP,-,6.3x7,5
C522	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5,5
C523	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,
C524	2401-001250	C-AL;4.7uF,20%,35V,GP,TP,4x5,5
C525	2401-001250	C-AL;4.7uF,20%,35V,GP,TP,4x5,5
C526	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5
C527	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,
C530	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5
IC501	1204-001479	IC-AUDIO PROCESSOR;LA72634AM,QFP;64P,400
L502	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm
L503	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm

Loc.No	Part No	Description ; Specification	Remark
R503	2007-000931	R-CHIP;470OHM,5%,1/10W,DA,TP,2012	
R504	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
R509	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
R510	2001-000766	R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R511	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
R512	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
R514	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R516	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
R517	2007-001055	R-CHIP;6.2KOHM,5%,1/10W,DA,TP,2012	
R518	2001-000766	R-CARBON;43KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R523	2007-000565	R-CHIP;220KOHM,5%,1/10W,DA,TP,2012	
R524	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
R525	2007-000671	R-CHIP;2KOHM,5%,1/10W,DA,TP,2012	
R570	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R571	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	

OSD PARTS

C6P01	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,
C6P02	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5
C6P03	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V
C6P04	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NPO,TP,201
C6P05	2203-000683	C-CERAMIC,CHIP;0.027nF,5%,50V,NPO,TP,201
C6P06	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-
C6P07	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5
C6P08	2203-001077	C-CERAMIC,CHIP;0.056nF,5%,50V,NPO,TP,201
C6P10	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5
C6P11	2401-000598	C-AL;1uF,20%,50V,GP,TP,4x7,5
C6P12	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,
C6P13	2401-001479	C-AL;470uF,20%,10V,GP,TP,-,-
C6P14	2203-001002	C-CERAMIC,CHIP;0.047nF,5%,50V,NPO,TP,201
C6P15	2203-001579	C-CERAMIC,CHIP;15nF,10%,50V,NPO,TP,2012
D6P01	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
D6P02	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,
IC6P01	AC09-00076A	IC-OSD;LC74776NM-9780,LC74776NM-9780,
L6P01	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm
L6P03	2701-000160	INDUCTOR-AXIAL;22uH,5%,2.4x3.4mm
L6P04	2701-000201	INDUCTOR-AXIAL;5.6uH,5%,2.4x3.4mm
L6P05	2701-000165	INDUCTOR-AXIAL;27uH,5%,2.4x3.4mm
Q6P01	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T
Q6P02	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T
Q6P03	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,T
Q6P04	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T
Q6P05	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T
R6P01	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM
R6P02	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM
R6P03	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M
R6P04	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R6P05	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R6P06	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012
R6P07	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM
R6P08	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012
R6P11	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012
R6P12	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M
R6P13	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012
R6P14	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M
R6P20	2007-001141	R-CHIP;7.5KOHM,5%,1/10W,DA,TP,2012
R6P21	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
R6P22	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012

INPUT-OUTPUT PARTS

C801	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5,5
C802	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5,2mm
C803	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5,2mm
C804	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NPO,TP,2012
C805	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5,2mm
C806	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5,2mm
C807	2401-000463	C-AL;10uF,20%,35V,GP,-,5x5,2mm

Loc.No	Part No	Description ; Specification	Remark	Loc.No	Part No	Description ; Specification	Remark
C808	2401-002165	C-AL;100uF,20%,16V,GP,TP;3x7,5		L810	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C812	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		L811	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C813	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		L812	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C815	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		L814	AC27-92001M	INDUCTOR;70UH-M RT BFS3565R2F,-,-,-,-	
C816	2401-002299	C-AL;4.7uF,20%,50V,GP,TP;5x7,5		L815	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C817	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		L816	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C818	2401-001479	C-AL;470uF,20%,10V,GP,TP;-		L817	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C819	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012		L818	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm	
C820	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		Q801	0501-000303	TR-SMALL SIGNAL;KSA733,PNP;250mW,T0-92,T	
C821	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-		Q802	0501-000303	TR-SMALL SIGNAL;KSA733,PNP;250mW,T0-92,T	
C822	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-		Q803	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
C823	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012		Q804	0504-000142	TR-DIGITAL;KSR2001,PNP;300MW,4.7K/4.7K,T	
C824	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		Q805	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
C825	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		Q806	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	France Only
C826	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R801	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP;1.8X3.2MM	
C827	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R802	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP;1.8X3.2MM	
C828	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R804	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
C830	2401-002144	C-AL;47uF,20%,16V,GP,TP;5x11,5		R810	2001-000938	R-CARBON;680HM,5%,1/8W,AA,TP;1.8X3.2MM	
C832	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,		R811	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
C836	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R812	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
C839	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R813	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
C842	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R814	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
C843	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R815	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
C844	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R816	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP;1.8X3.2MM	
C845	2401-002144	C-AL;47uF,20%,16V,GP,TP;5x11,5		R817	2007-000498	R-CHIP;2.2MOHM,5%,1/10W,DA,TP,2012	
C847	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R820	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP;1.8X3.2MM	
C848	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R821	2001-000027	R-CARBON;100OHM,5%,1/4W,AA,TP;2.4X6.4MM	
C850	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012		R824	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
C860	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R826	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
C861	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R832	2007-000964	R-CHIP;5.1KOHM,5%,1/10W,DA,TP,2012	
C862	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R833	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
C863	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R834	2001-000032	R-CARBON;180OHM,5%,1/4W,AA,TP;2.4X6.4MM	
C864	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R835	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
C865	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R841	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
C866	2401-001479	C-AL;470uF,20%,10V,GP,TP;-		R842	2007-001118	R-CHIP;680OHM,5%,1/10W,DA,TP,2012	
C868	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R843	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
C869	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R844	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
C870	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		R845	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
C871	2401-002144	C-AL;47uF,20%,16V,GP,TP;5x11,5		R847	2007-000642	R-CHIP;270OHM,5%,1/10W,DA,TP,2012	
C872	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,		R848	2007-000642	R-CHIP;270OHM,5%,1/10W,DA,TP,2012	
C873	2203-001002	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,201		R849	2007-000642	R-CHIP;270OHM,5%,1/10W,DA,TP,2012	
C874	2401-001479	C-AL;470uF,20%,10V,GP,TP;-		R850	2007-000642	R-CHIP;270OHM,5%,1/10W,DA,TP,2012	
C875	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		R854	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
C876	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		R855	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
C877	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-		R856	2001-000116	R-CARBON;820OHM,5%,1/4W,AA,TP;2.4X6.4MM	
C878	2203-000444	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,2012,-		R858	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP;1.8X3.2MM	
C879	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012		R859	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
C880	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012		VC12	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C881	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		VC17	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C882	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		VC18	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C883	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		VC4	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C884	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012		VC9	2203-000784	C-CERAMIC,CHIP;0.33nF,5%,50V,NP0,TP,2012	
C885	2203-000239	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,2012		VE1	2401-000369	C-AL;100uF,20%,6.3V,GP;-6.3x11,5	
C890	2401-000463	C-AL;10uF,20%,35V,GP;-5x5,2mm		VE10	2401-000369	C-AL;100uF,20%,6.3V,GP;-6.3x11,5	
C899	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	France Only	VE11	2401-000913	C-AL;22uF,20%,16V,GP,TP;5x11,5	
D801	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,		VE2	2401-000913	C-AL;22uF,20%,16V,GP,TP;5x11,5	
D802	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		VE3	2401-000369	C-AL;100uF,20%,6.3V,GP;-6.3x11,5	
IC801	AC14-12015T	IC;SV1274/LA7274M,QFP;64PIN,-,-		VE4	2401-000913	C-AL;22uF,20%,16V,GP,TP;5x11,5	
J804	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012		VE5	2401-001479	C-AL;470uF,20%,10V,GP,TP;-	
J805	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012		VE6	2401-000913	C-AL;22uF,20%,16V,GP,TP;5x11,5	
L803	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP		VE9	2401-002144	C-AL;47uF,20%,16V,GP,TP;5x11,5	
L804	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm		VIC1	1201-001419	IC-VIDEO AMP;7660,SSOP;16P;173MIL,3,6DB,	
L805	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm		VIC2	1201-001419	IC-VIDEO AMP;7660,SSOP;16P;173MIL,3,6DB,	
L806	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm		VL1	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
L807	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm		VL112	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
L808	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm		VL2	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
L809	2701-000181	INDUCTOR-AXIAL;33uH,5%,2.4x3.4mm		VL3	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	

Loc.No	Part No	Description ; Specification	Remark
VL4	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
VL5	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
VL6	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
VL7	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
VL8	2701-000145	INDUCTOR-AXIAL;1uH,5%,2.4x3.4mm	
VR10	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
VR11	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
VR22	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
VR23	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
VR24	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
VR6	2007-001216	R-CHIP;820HM,5%,1/10W,DA,TP,2012	
VR7	2007-001216	R-CHIP;820HM,5%,1/10W,DA,TP,2012	
VR8	2007-001166	R-CHIP;750HM,5%,1/10W,DA,TP,2012	
VR9	2007-001247	R-CHIP;910HM,5%,1/10W,DA,TP,2012	
ZD801	0403-000297	DIODE-ZENER;MTZ6.2B,6.2V,5.96-6.27V,500m	
ZD802	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	

A2/NICAM PARTS

C4N01	2203-000151	C-CERAMIC,CHIP;1.5nF,5%,50V,NP0,TP,2012	
C4N02	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5,2.5	
C4N03	2203-000595	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,2012	
C4N04	2401-000665	C-AL;2.2uF,20%,50V,GP,TP,3.5x5,5	
C4N05	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C4N06	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012	
C4N07	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C4N08	2203-000151	C-CERAMIC,CHIP;1.5nF,5%,50V,NP0,TP,2012	
C4N09	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5,2.5	
C4N10	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5,2.5	
C4N11	2401-001020	C-AL;3.3uF,20%,50V,GP,TP,4X7,5	
C4N12	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C4N13	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C4N14	2401-000407	C-AL;10uF,20%,16V,GP,TP,3.5x5,2.5	
C4N15	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C4N16	2401-001507	C-AL;47uF,20%,16V,GP,TP,6.3x5,5	
C4N17	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C4N18	2203-000938	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,2012	
C4N19	2202-000279	C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3.	
C4N21	2201-002069	C-CERAMIC,DISC;1.5pF,0.25pF,50V,NP0,TP,4	
C4N22	2201-002069	C-CERAMIC,DISC;1.5pF,0.25pF,50V,NP0,TP,4	
C4N23	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5,5	
C4N24	2401-001915	C-AL;1uF,20%,50V,GP,TP,3x5,5	
C4N25	2202-002037	C-CERAMIC,MLC-AXIAL;100nF,80-20%,50V,Y5V	
D4N01	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D4N02	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
IC4N01	1204-001765	IC-AUDIO PROCESSOR;MSP3417D(PQFP),PQFP4	
L4N01	2701-000188	INDUCTOR-AXIAL;4.7uH,5%,2.4x3.4mm	
L4N02	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
L4N03	2701-000188	INDUCTOR-AXIAL;4.7uH,5%,2.4x3.4mm	
L4N04	3301-000297	CORE-FERRITE BEAD;AA,3.6x1.2x5.7mm,1400,	
R4N01	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
R4N04	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
R4N05	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R4N06	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
XT4N01	2801-003171	CRYSTAL-UNIT;18.432MHz,20PPM,28-AAM,4PF,	

602**ASSY OPT PCB-SMPS****S.M.P.S. PARTS**

C01	2305-001021	C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13.	△
C02	2305-001021	C-FILM,MPEF;100nF,20%,275V,TP,17.5x7x13.	△
C03	2201-000828	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	△
C04	2201-000828	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	△
C05	2201-002044	C-CERAMIC,DISC;0.1nF,10%,400V,Y5P,TP,8.5	△
C06	2201-002044	C-CERAMIC,DISC;0.1nF,10%,400V,Y5P,TP,8.5	△
C10	2401-000342	C-AL;100uF,20%,400V,WT,-,33X30,10mm	
C11	2305-001029	C-FILM,MPEF;10nF,10%,630V,TP,12x9x12.5,5	
C12	2401-001200	C-AL;33uF,20%,50V,WT,TP,6.3x11,5	

Loc.No	Part No	Description ; Specification	Remark
C13	2201-000376	C-CERAMIC,DISC;0.22nF,5%,50V,SL,TP,6.3x3	
C14	2201-000012	C-CERAMIC,DISC;0.22nF,10%,1kV,Y5P,TP,6.3	
C30	2401-000392	C-AL;10uF,20%,100V,WT,TP,6.3x11,2.5	
C31	2401-003480	C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5	
C32	2401-003480	C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5	
C33	2401-003480	C-AL;1000UF,20%,10V,LZ,TP,10X16MM,5	
C34	2401-003477	C-AL;330UF,20%,25V,LZ,TP,10X12.5MM,	
C35	2401-001573	C-AL;47uF,20%,50V,GP,TP,6.3x11,2.5	
C36	2401-003477	C-AL;330UF,20%,25V,LZ,TP,10X12.5MM,	
C37	2401-003477	C-AL;330UF,20%,25V,LZ,TP,10X12.5MM,	
C38	2401-001479	C-AL;470uF,20%,10V,GP,TP,-,-	
C39	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C40	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C41	2401-000360	C-AL;100uF,20%,50V,GP,TP,8x11.5,5	
C42	2301-000129	C-FILM,PEF;100nF,5%,50V,TP,10X9X4.3X5,5m	
C43	2301-000129	C-FILM,PEF;100nF,5%,50V,TP,10X9X4.3X5,5m	
CN01	3711-000178	CONNECTOR-HEADER;1WALL,2P,1R,3.96mm,STRA	
CN04	AC39-00041A	LEAD CONNECTOR-ASSY;001-003008,-,-,8P,11	
CN12	AC39-00055A	CBF HARNESS;SV-DVD1E,-,-,10P80,-,-,5264	
CN13	3711-000596	CONNECTOR-HEADER;BOX,10P,1R,2mm,STRAIGHT	
D01	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D02	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D03	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D04	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D05	0402-001196	DIODE-RECTIFIER;1T5,600V,1A,TS-1,TP	
D10	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D11	0402-000012	DIODE-RECTIFIER;UF4007,1KV,1A,DO-41,TP	
D12	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D30	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D31	0404-001097	DIODE-SCHOTTKY;SG45,45V,7500mA,TO-220A,B	
D32	0404-001097	DIODE-SCHOTTKY;SG45,45V,7500mA,TO-220A,B	
D33	0404-001097	DIODE-SCHOTTKY;SG45,45V,7500mA,TO-220A,B	
D34	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D35	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
D36	0402-000431	DIODE-RECTIFIER;FML-M02S,200V,2.5A,TO-22	
D37	0402-001194	DIODE-RECTIFIER;UG2D,200V,2A,DO-204AC,TP	
D38	0402-001195	DIODE-RECTIFIER;F1T4,400V,1.0A,TS-1,TP	
F01	3601-001123	FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,CERAMI	
IC01	1203-001803	IC-PWM CONTROLLER;STR-F6552,TO-220,5P,-,-	
IC02	0604-001028	PHOTO-COUPLER;TR,50-600%,250mW,DIP-4,ST	
IC03	AC14-12006D	IC;KA431Z,TO-92,TAPING	△
IC04	3601-001240	FUSE-RADIAL LEAD;50V,1A,-,-,5.0x4.0x5.0m	
L01	AC29-00002A	FILTER LINE NOISE;-,-,30mH,-,-,BLF-2116	
L02	AC29-30050B	FILTER-LINE NOISE;-,-,400uH,-,-,AC250V,TR12.	△
L03	AC27-92001M	INDUCTOR;70UH-M RT BFS3565R2F,-,-,-,-	△
L11	AC27-92001M	INDUCTOR;70UH-M RT BFS3565R2F,-,-,-,-	
L30	AC27-12001N	COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-	
L31	AC27-12001N	COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-	
L32	AC27-12001N	COIL-CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-	
PT01	AC26-00002E	TRANS SWITCHING;EER3531,DVR5000,FREE,-,-	△
R10	2006-000262	R-CEMENT;2.7ohm,10%,2W,CB,TP,7.5x11x20.	
R11	2001-000113	R-CARBON;18KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R12	2001-000113	R-CARBON;18KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R13	2001-000113	R-CARBON;18KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R14	2001-000073	R-CARBON;33KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
R15	2001-000096	R-CARBON(S);1MOHM,5%,1/2W,AA,TP,2.4X6.4M	
R16	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R17	2001-000969	R-CARBON;750HM,5%,1/8W,AA,TP,1.8X3.2MM	
R18	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
R19	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R20	2003-000105	R-METAL OXIDE;0.33ohm,5%,2WAD,TP,6x16mm	
R21	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
R31	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R32	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R33	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R34	2004-004084	R-METAL;3.1Kohm,1%,1/8W,AA,TP,1.7x3.2m	
R35	2004-000459	R-METAL;2.2Kohm,1%,1/8W,AA,TP,1.8x3.2m	

Loc.No	Part No	Description ; Specification	Remark
R36	2001-000440	R-CARBON;10HM,5%, 1/8W,AA,TP;1.8X3.2MM	
VA01	1405-001026	VARIATOR;470V,800A,9x7mm,TP	
W10	2001-001037	R-CARBON(S);0.390HM,5%, 1/2W,AA,TP;2.4X6.	
W11	2001-001037	R-CARBON(S);0.390HM,5%, 1/2W,AA,TP;2.4X6.	

POWER PARTS

C1P101	2401-001730	C-AL;10uF,20%,50V,GP,TP;5x11,2,5	
C1P102	2401-003107	C-AL;47uF,20%,16V,GP,TP;5x7,5	
C1P103	2401-003107	C-AL;47uF,20%,16V,GP,TP;5x7,5	
C1P106	2401-002299	C-AL;4.7uF,20%,50V,GP,TP;5x7,5	
C1P107	2401-003107	C-AL;47uF,20%,16V,GP,TP;5x7,5	
C1P109	2401-001730	C-AL;10uF,20%,50V,GP,TP;5x11,2,5	
C1P114	2401-003107	C-AL;47uF,20%,16V,GP,TP;5x7,5	
C1P116	2401-003107	C-AL;47uF,20%,16V,GP,TP;5x7,5	
C1P117	2401-003107	C-AL;47uF,20%,16V,GP,TP;5x7,5	
C1P118	2401-000970	C-AL;22uF,20%,50V,WT,TP;5x11,5	
D1P103	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D1P104	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D1P105	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
D1P106	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D1P107	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D1P108	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
IC1P01	1203-001083	IC-VOLTAGE REGULATOR;3RF23,TO-202,4P,12.	
IC1P02	1203-000122	IC-NEGA.FIXED REG.;7908,TO-220,3P,-,PLAS	
Q1P101	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P102	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P103	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P104	0501-000616	TR-SMALL SIGNAL;KSC2328A-Y,NPN,1W,TO-92L	
Q1P105	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
Q1P106	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
Q1P109	0502-000416	TR-POWER;2SD1273P,NPN,2W,TO-220F,BK,800	
Q1P110	0502-000416	TR-POWER;2SD1273P,NPN,2W,TO-220F,BK,800	
Q1P111	0502-000416	TR-POWER;2SD1273P,NPN,2W,TO-220F,BK,800	
Q1P112	0504-000142	TR-DIGITAL;KSR2001,PNP,300MW,4.7K/4.7K,T	
Q1P113	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
R1P101	2001-000855	R-CARBON;560OHM,5%, 1/4W,AA,TP;2.4X6.4MM	
R1P102	2001-000449	R-CARBON;2.2KOHM,5%, 1/8W,AA,TP;1.8X3.2M	
R1P103	2001-000449	R-CARBON;2.2KOHM,5%, 1/8W,AA,TP;1.8X3.2M	
R1P104	2001-000362	R-CARBON;150OHM,5%, 1/8W,AA,TP;1.8X3.2MM	
R1P105	2001-000405	R-CARBON;180OHM,5%, 1/8W,AA,TP;1.8X3.2MM	
R1P109	2001-000362	R-CARBON;150OHM,5%, 1/8W,AA,TP;1.8X3.2MM	
R1P110	2001-000290	R-CARBON;10KOHM,5%, 1/8W,AA,TP;1.8X3.2MM	
R1P112	2001-000734	R-CARBON;4.7KOHM,5%, 1/8W,AA,TP;1.8X3.2M	
R1P113	2001-000554	R-CARBON;270OHM,5%, 1/8W,AA,TP;1.8X3.2MM	
R1P114	2001-000290	R-CARBON;10KOHM,5%, 1/8W,AA,TP;1.8X3.2MM	
R1P115	2001-000734	R-CARBON;4.7KOHM,5%, 1/8W,AA,TP;1.8X3.2M	
R1P200	2001-000038	R-CARBON;390OHM,5%, 1/4W,AA,TP;2.4X6.4MM	
ZD1P01	0403-000390	DIODE-ZENER;UZP33B,33V,31.4-34.6V,1W,DO-	
ZD1P03	0403-001141	DIODE-ZENER;MTZJ24D,24V,23.63-24.85V,500	
ZD1P04	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
ZD1P05	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500mW,D	
ZD1P06	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	

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CN8	3708-001364	CONNECTOR-FPC/FC/PIC;35P,1.25MM,STRAIGHT	
DCN1	3708-001085	CONNECTOR-FPC/FC/PIC;40P,1.25mm,STRAIGHT	
JR1	2007-000070	R-CHIP;0ohm,5%, 1/16W,DA,TP,1608	
M9R	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MC1	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC10	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC11	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
MC12	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC13	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC14	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC15	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

ASSY PCB DVD-MAIN

CN8	3708-001364	CONNECTOR-FPC/FC/PIC;35P,1.25MM,STRAIGHT	
DCN1	3708-001085	CONNECTOR-FPC/FC/PIC;40P,1.25mm,STRAIGHT	
JR1	2007-000070	R-CHIP;0ohm,5%, 1/16W,DA,TP,1608	
M9R	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MC1	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC10	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC11	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
MC12	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC13	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC14	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC15	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Loc.No	Part No	Description ; Specification	Remark
MC2	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC3	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
MC4	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
MC5	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
MC6	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC7	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
MC8	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MC9	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
MIC1	0903-001185	IC-MICROCONTROLLER;95C265,16Bit,LQFP;100	
MIC2	1102-001090	IC-EPROM;27C081,1MX8BIT,DIP;32P,600MIL,1	
MIC3	1106-001033	IC-SRAM;24257,32Kx8BIT,SOP;28P,330MIL,	
MIC4	1103-001204	IC-EEPROM;24C021,256x8Bit,SOP;8P,150MIL,	
MIC5	0801-002097	IC-CMOS LOGIC;7ST08,AND GATE,SOP;5P,110M	
MIC6	0801-002143	IC-CMOS LOGIC;7S32,OR GATE,SOT-25;5P,63M	
MIC7	0801-002517	IC-CMOS LOGIC;7SET00,NAND GATE,SOP;5P,63	
MIC8A	3704-000472	SOCKET-IC;32PDIP,SN,2.54mm	
MR1	2007-000090	R-CHIP;10Kohm,5%, 1/16W,DA,TP,1608	
MR10	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR11	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR12	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR13	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR2	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR21	2007-000084	R-CHIP;4.7Kohm,5%, 1/16W,DA,TP,1608	
MR3	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR32	2007-000084	R-CHIP;4.7Kohm,5%, 1/16W,DA,TP,1608	
MR4	2007-000074	R-CHIP;100ohm,5%, 1/16W,DA,TP,1608	
MR5	2007-000109	R-CHIP;1Mohm,5%, 1/16W,DA,TP,1608	
MR6	2007-000090	R-CHIP;10Kohm,5%, 1/16W,DA,TP,1608	
MR7	2007-000090	R-CHIP;10Kohm,5%, 1/16W,DA,TP,1608	
MR8	2007-000078	R-CHIP;1Kohm,5%, 1/16W,DA,TP,1608	
MY1	2801-000199	CRYSTAL-UNIT;20MHz,50ppm,28-AAA,16pF,50o	
PC1	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
PC2	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
PC3	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
PC4	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
PCN1	3711-003358	CONNECTOR-HEADER;BOX;8P,1R,2.5mm,STRAIGH	
PE1	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7,5	
PE2	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7,5	
PE3	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7,5	
PE4	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7,5	
PE5	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7,5	
PIC1	1203-001293	IC-POSIF.FIXED REG.;033,TO-252,3P,6.5MIL,	
RC1	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP,	
RC10	2401-000913	C-AL;22uF,20%,16V,GP,TP;5x11,5	
RC12	2401-000913	C-AL;22uF,20%,16V,GP,TP;5x11,5	
RC13	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7,5	
RC14	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7,5	
RC14A	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC15	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
RC17	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
RC18	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
RC19	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP,	
RC2	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC20	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	
RC21	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP,	
RC22	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC22A	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7,5	
RC23	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC24	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC25	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC26	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC27	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC29	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7,5	
RC3	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC30	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
RC31	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1608	

Electrical Parts List

Loc.No	Part No	Description ; Specification	Remark
RC32	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
RC33	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
RC34	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
RC35	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
RC37	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP;1608	
RC38	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP;1608	
RC39	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7.5	
RC39A	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
RC4	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
RC40	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
RC41	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
RC5	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
RC50	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP;1608	
RC6	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
RC7	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
RC8	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
RE1	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
RIC1	AH13-00007A	IC ASIC;KS1462,DVD-611/XAA,80,+5V,-40t	
RL11	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
RL3	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
RQ1	0501-000279	TR-SMALL SIGNAL;KSA1182-Y;PNP;150mW,SOT-	
RQ2	0501-000279	TR-SMALL SIGNAL;KSA1182-Y;PNP;150mW,SOT-	
RQ3	0504-000128	TR-DIGITAL;- ,NPN,200MW,22K/22K,SOT-23,TP	
RR1	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP;1608	
RR10	2007-000312	R-CHIP;100HM,5%,1/8W,DA,TP;3216	
RR12	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
RR13	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
RR14	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP;1608	
RR15	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP;1608	
RR16	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP;1608	
RR2	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP;1608	
RR21	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP;1608	
RR22	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP;1608	
RR23	2007-000655	R-CHIP;27Kohm,5%,1/16W,DA,TP;1608	
RR24	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP;1608	
RR25	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
RR26	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
RR3	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP;1608	
RR32	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
RR33	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
RR34	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP;1608	
RR4	2007-001056	R-CHIP;6.2Kohm,5%,1/16W,DA,TP;1608	
RR42	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP;1608	
RR6	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP;1608	
RR7	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP;1608	
RR8	2007-000312	R-CHIP;100HM,5%,1/8W,DA,TP;3216	
RR9	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP;1608	
SC10	2203-001634	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP;1608	
SC11	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP;1608	
SC12	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP;1608	
SC13	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP	
SC14	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC15	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC16	2203-002398	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP;1608	
SC17	2203-001126	C-CERAMIC,CHIP;0.68nF,10%,50V,X7R,TP;160	
SC18	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC19	2203-002398	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP;1608	
SC2	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC20	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP	
SC21	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC23	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP;1608	
SC24	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP;1608	
SC25	2203-000372	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP;1608	
SC26	2203-000372	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP;1608	
SC27	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC28	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC29	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	

Loc.No	Part No	Description ; Specification	Remark
SC30	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC31	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC32	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC33	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP;160	
SC34	2203-001573	C-CERAMIC,CHIP;0.012nF,5%,50V,NP0,TP;160	
SC35	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC36	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC37	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC38	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC39	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP;160	
SC40	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP;160	
SC41	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP;160	
SC42	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC43	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP;160	
SC44	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC45	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC46	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC47	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC48	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP;1608	
SC49	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC50	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC51	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC52	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC54	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP;1608	
SC55	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC56	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC57	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC58	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC59	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC60	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC61	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC62	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP;1608	
SC7	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP;1608	
SC8	2203-000560	C-CERAMIC,CHIP;220nF,+80-20%,25V,Y5V,TP	
SC90	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP;1608	
SE1	2401-002165	C-AL;100uF,20%,16V,GP,TP;6.3x7.5	
SE10	2401-002144	C-AL;47uF,20%,16V,GP,TP;5x11.5	
SE11	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
SE2	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
SE3	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
SE4	2401-000414	C-AL;10uF,20%,16V,GP,TP;4x7.5	
SE6	2401-001225	C-AL;4.7uF,20%,16V,GP,TP;3x5.5	
SE7	2401-001225	C-AL;4.7uF,20%,16V,GP,TP;3x5.5	
SE8	2401-001225	C-AL;4.7uF,20%,16V,GP,TP;3x5.5	
SE9	2401-002144	C-AL;47uF,20%,16V,GP,TP;5x11.5	
SIC1	AH13-00006A	IC ASIC;KS1454,DVD-611/XAA,160,+3.3V,+	
SIC2	1105-001243	IC-DRAM;416C256,256KX16BIT,SOJ,40P,400	
SIC3	1003-001298	IC-MOTOR DRIVER;KA3017,HQFP,48P;550MIL,1	
SIC4	0801-002097	IC-CMOS LOGIC;7ST08,AND GATE,SOP;5P,110M	
SQ1	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
SR1	2007-000381	R-CHIP;13Kohm,5%,1/16W,DA,TP;1608	
SR14	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP;1608	
SR15	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP;1608	
SR16	2007-000133	R-CHIP;330Kohm,5%,1/16W,DA,TP;1608	
SR18	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP;1608	
SR19	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP;1608	
SR20	2007-001235	R-CHIP;910Kohm,5%,1/16W,DA,TP;1608	
SR21	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP;1608	
SR23	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP;1608	
SR24	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP;1608	
SR25	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP;1608	
SR26	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP;1608	
SR27	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP;1608	
SR29	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP;1608	
SR30	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP;1608	
SR31	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP;1608	
SR32	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP;1608	

Loc.No	Part No	Description ; Specification	Remark
SR4	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
SR40	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
SR44	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
SR48	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
SR49	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
SR50	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
SR51	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
SR55	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
SR56	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
SR57	2007-001164	R-CHIP;75ohm,1%,1/16W,DA,TP,1608	
SR58	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
SR59	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
SR60	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
SR61	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
SR67	2007-000034	R-CHIP;10HM,5%,1/8W,DA,TP,3216	
SR68	2007-000034	R-CHIP;10HM,5%,1/8W,DA,TP,3216	
SR69	2007-000655	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
SR70	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
SR71	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
SR72	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
SR73	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
SR74	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
SR75	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
SR76	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
SR77	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
SR79	2007-000090	R-CHIP;10Kohm,5%,1/16W,DA,TP,1608	
SR8	2007-000799	R-CHIP;360ohm,5%,1/16W,DA,TP,1608	
SR9	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
SY1	2801-000261	CRYSTAL-UNIT;33.8688MHZ,50PPM,28-AAA,12P	
VR1	2104-001068	VR-SMD;10Kohm,25%,1/20W,TOP	
ZC1	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC10	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC11	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC12	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC13	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC14	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC15	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC18	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC19	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC2	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC29	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC3	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC37	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC38	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC39	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC4	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
ZC40	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC41	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC42	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC43	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC44	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC45	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC46	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC47	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC48	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC49	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC5	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
ZC50	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC51	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC56	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC58	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
ZC59	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
ZC6	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
ZC60	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	
ZC62	2203-000681	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,160	

Loc.No	Part No	Description ; Specification	Remark
ZC63	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
ZC66	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC67	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC68	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC69	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC7	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC70	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC71	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC72	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC73	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC74	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC75	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC76	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC78	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,160	
ZC8	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZC80	2203-000426	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,160	
ZC81	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
ZC82	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
ZC83	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
ZC84	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
ZC9	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
ZD1	0402-000309	DIODE-RECTIFIER;1SR154-400,400V,1A,PSM	
ZE30	2401-002165	C-AL;100uF,20%,16V,GP,TP,6.3x7.5	
ZE34	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5	
ZE35	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11.5	
ZE36	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5	
ZE37	2401-000414	C-AL;10uF,20%,16V,GP,TP,4x7.5	
ZIC1	1204-001673	IC-DECODER,Z1VA4.1,QFP,208P,1100MIL,PLAS	
ZIC2	1105-001261	IC-DRAM;12L1616A,16BIT,TSOP;50P,400MIL	
ZIC3	1105-001261	IC-DRAM;12L1616A,16BIT,TSOP;50P,400MIL	
ZIC4	AH14-10004R	IC;M74HC04,SOP,TAPE 14P	
ZL10	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
ZL11	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
ZL12	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
ZL13	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8mm	
ZL14	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8mm	
ZL15	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8mm	
ZL16	3301-001419	CORE-FERRITE BEAD;AB,220ohm,1.6x0.8x0.8mm	
ZL2	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
ZL5	2007-000023	R-CHIP;120OHM,5%,1/10W,DA,TP,2012	
ZL6	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
ZL7	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
ZL9	3301-000353	CORE-FERRITE BEAD;AB,120ohm,2x1.25x0.9mm	
ZR16	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
ZR17	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
ZR18	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
ZR2	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
ZR23	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR27	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
ZR28	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
ZR29	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR3	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
ZR30	2011-000475	R-NETWORK;33ohm,5%,63mW,L,CHIP,8P,TP	
ZR31	2011-000475	R-NETWORK;33ohm,5%,63mW,L,CHIP,8P,TP	
ZR32	2011-000475	R-NETWORK;33ohm,5%,63mW,L,CHIP,8P,TP	
ZR33	2011-000475	R-NETWORK;33ohm,5%,63mW,L,CHIP,8P,TP	
ZR34	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
ZR35	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
ZR37	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
ZR4	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
ZR5	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
ZR68	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR69	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
ZR70	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
ZR72	2011-000816	R-NETWORK;100ohm,5%,63mW,L,CHIP,8P,TP	
ZR73	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR74	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	

Electrical Parts List

Loc.No	Part No	Description ; Specification	Remark
ZR75	2007-001164	R-CHIP;75ohm,1%,1/16W,DA,TP,1608	
ZR76	2007-001164	R-CHIP;75ohm,1%,1/16W,DA,TP,1608	
ZR77	2007-001164	R-CHIP;75ohm,1%,1/16W,DA,TP,1608	
ZR78	2007-001164	R-CHIP;75ohm,1%,1/16W,DA,TP,1608	
ZR79	2007-007332	R-CHIP;1.18KOHM,1%,1/10W,DA,TP,2012	
ZR80	2007-001164	R-CHIP;75ohm,1%,1/16W,DA,TP,1608	
ZR84	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR86	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR88	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
ZR89	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
ZR91	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
ZR92	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
ZR93	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
ZY1	2801-003554	CRYSTAL-UNIT;27MHz,10ppm,28-AAM,12pF,40o	

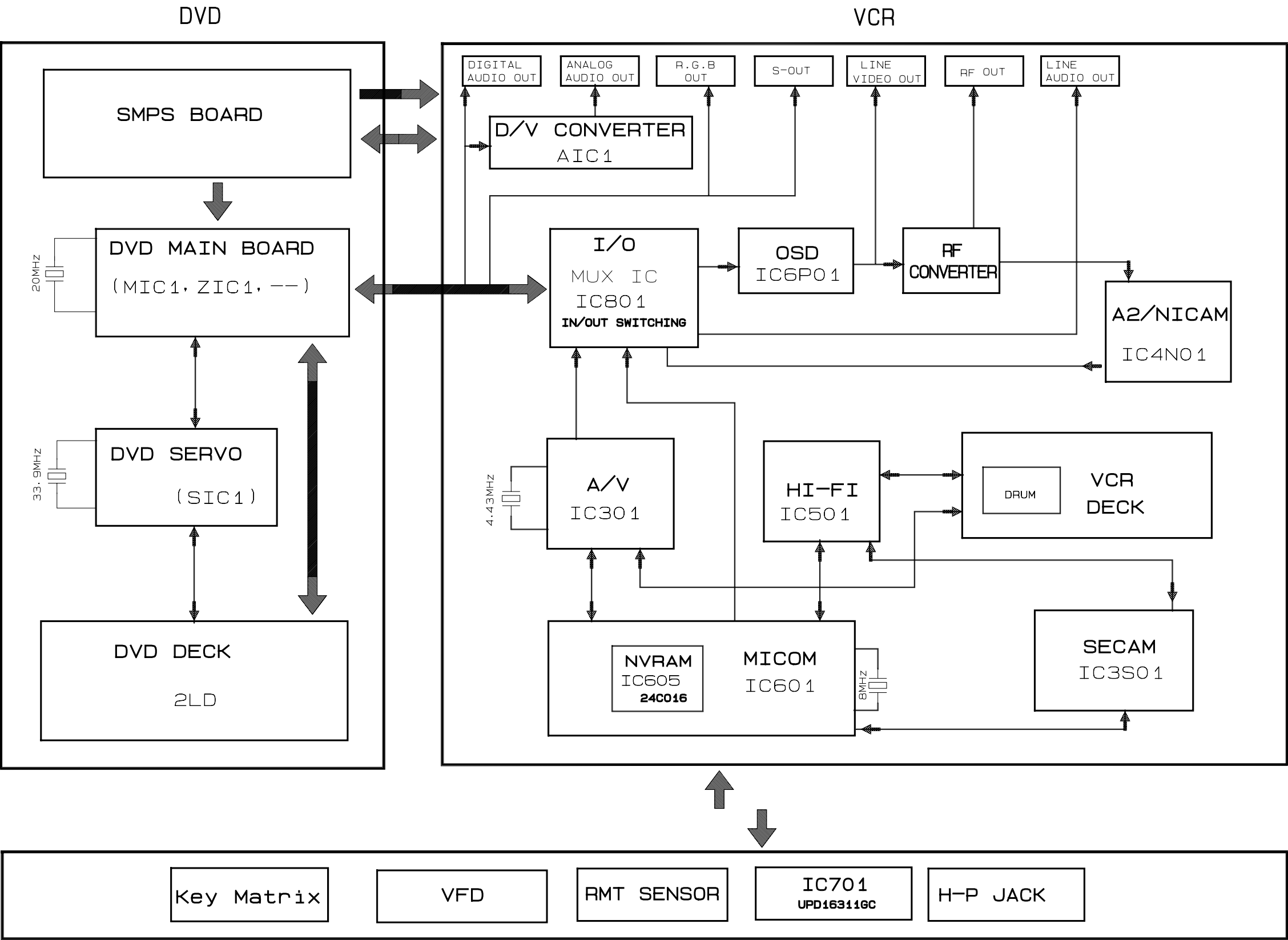
701

ASSY OPT PCB-TIMER

C701	2401-002165	C-AL;100uF,20%,16V,GP,TP6.3x7.5	
C702	2202-000173	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,1	
C703	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
C705	2401-002165	C-AL;100uF,20%,16V,GP,TP6.3x7.5	
C706	2202-000807	C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V	
C707	2202-000243	C-CERAMIC,MLC-AXIAL;33pF,5%,50V,SL,TP,3.	
C713	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
CN701	3710-001145	CONNECTOR-SOCKET;20P,1R,1.5mm,STRAIGHT,S	
D701	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D702	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D703	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
D704	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
DT701	AC07-00009A	VF DISPLAY;HNV-11SM12,DVR-5000,20.5X135.	
IC701	1003-001039	IC-VFD;UPD16311GC-AB6,QFP,52P,-,-,40	
JK702	AC37-00020A	JACK-HEADPHONE;BULK,UEJ-CV-007,-,6P,-	
L701	2701-000002	INDUCTOR-AXIAL;100uH,10%,4.2x9.8mm	
LD701	0601-000497	LED;ROUND,GRN,3.1mm,565nm	
LD702	0601-001201	LED;ROUND,RED,3mm,635nm	
LD703	0601-001201	LED;ROUND,RED,3mm,635nm	
Q701	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
Q702	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
Q703	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
R701	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R702	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R703	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R704	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R705	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R706	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R707	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R708	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
R710	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R711	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R712	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R713	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R714	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R715	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R716	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R717	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R718	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R719	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R728	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R729	2001-000333	R-CARBON;120HM,5%,1/4W,AA,TP,2.4X6.4MM	
RM701	AC59-60060A	MODULE-REMOCON;GP1U281R,SHARP;38KHZ,-,-,	
SW701	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW702	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW703	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW704	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW705	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW706	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW707	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW708	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	

Loc.No	Part No	Description ; Specification	Remark
SW710	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW712	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW713	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW714	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW715	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW716	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
SW717	3404-001008	SWITCH-TACT;15V,20mA,160gf,6x7.9x3.5mm,S	
ZD701	0403-000357	DIODE-ZENER;UZ5.6BM,5.6V,5.4-5.8V,500mW,	

8. Block Diagram



MEMO

9. PCB Diagrams

9-1 S.M.P.S. ----- 9-2

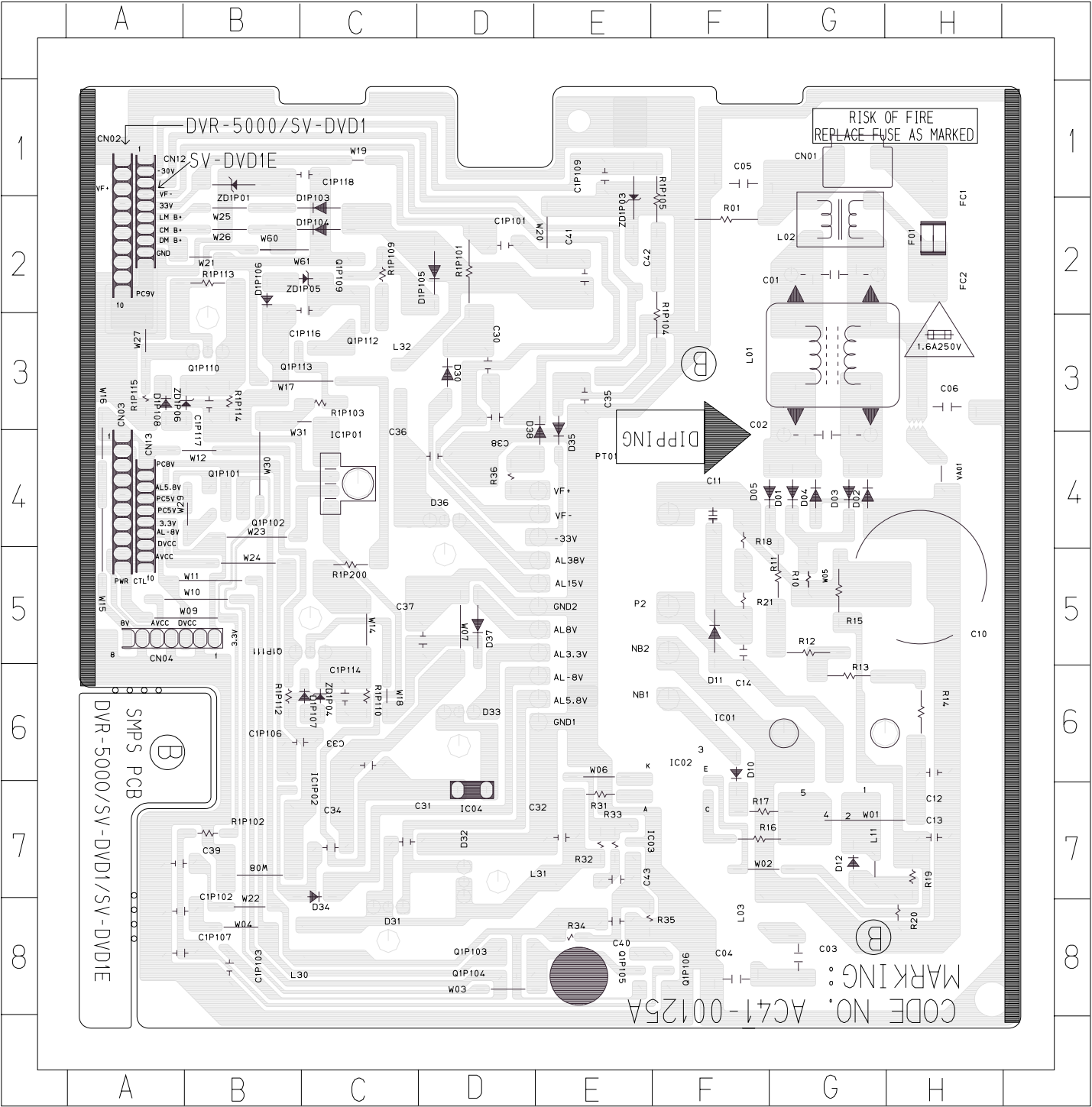
9-2 VCR Main ----- 9-3

9-3 DVD Main ----- 9-4

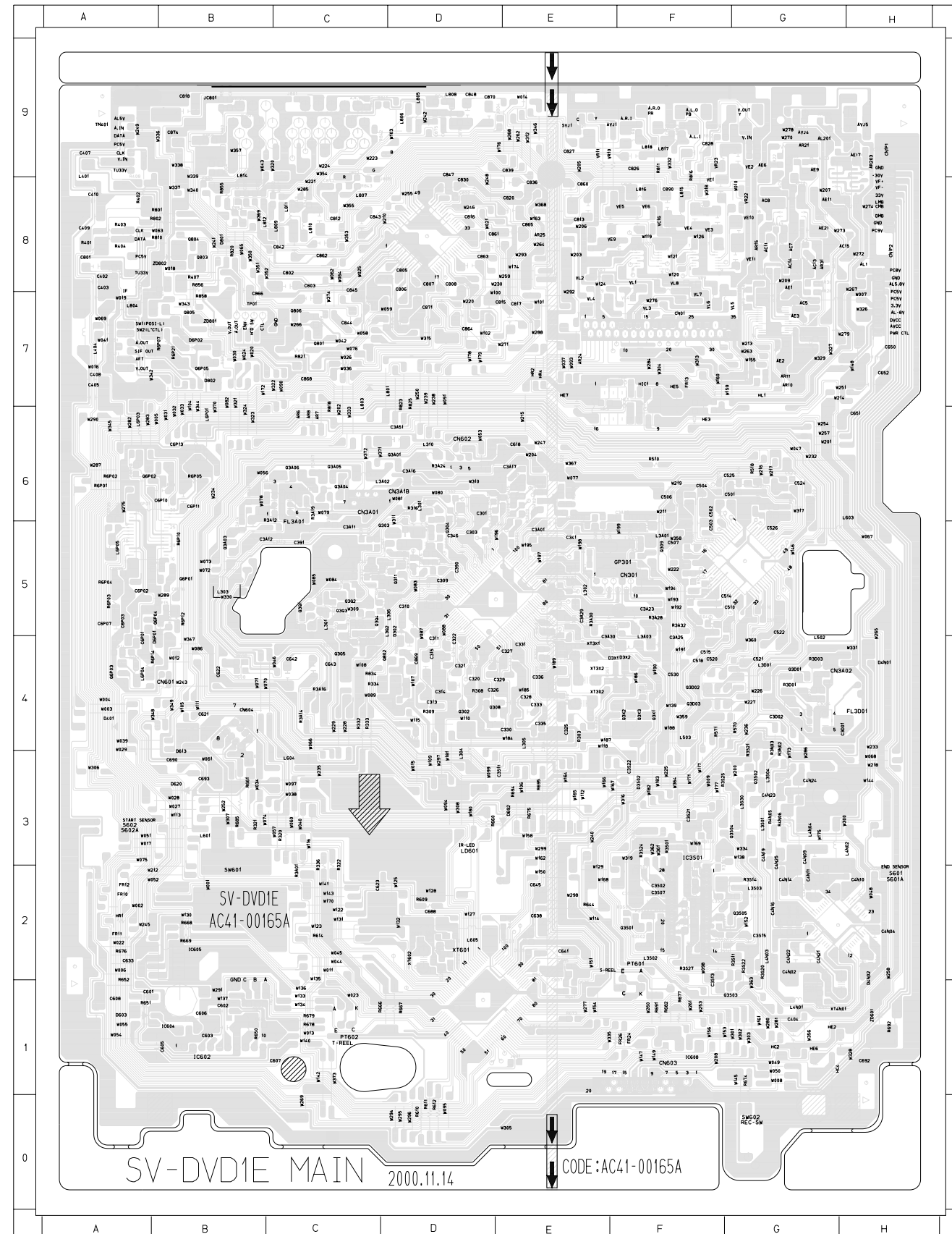
9-4 Function-Timer ----- 9-5

9-5 DVD Deck ----- 9-5

9-1 S.M.P.S.

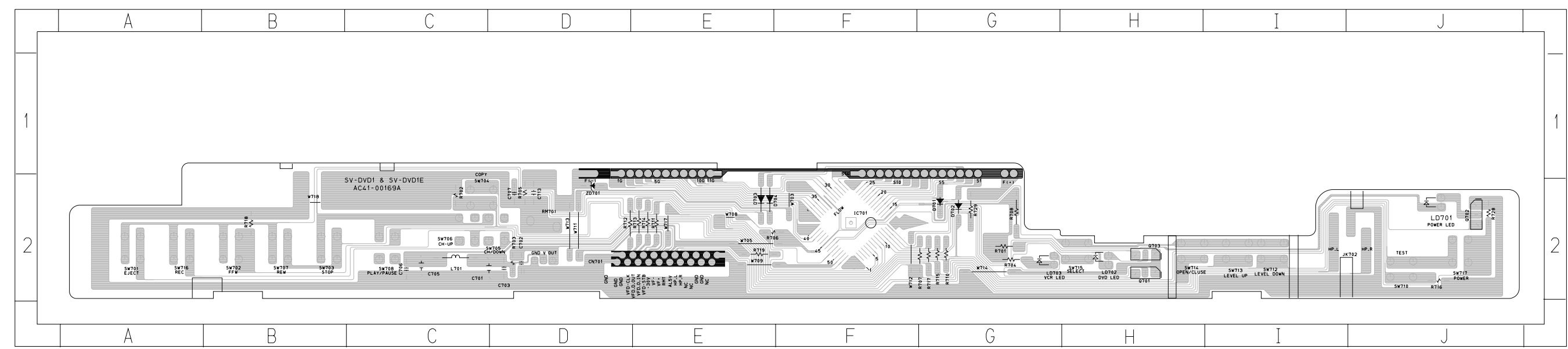


9-2 VCR Main

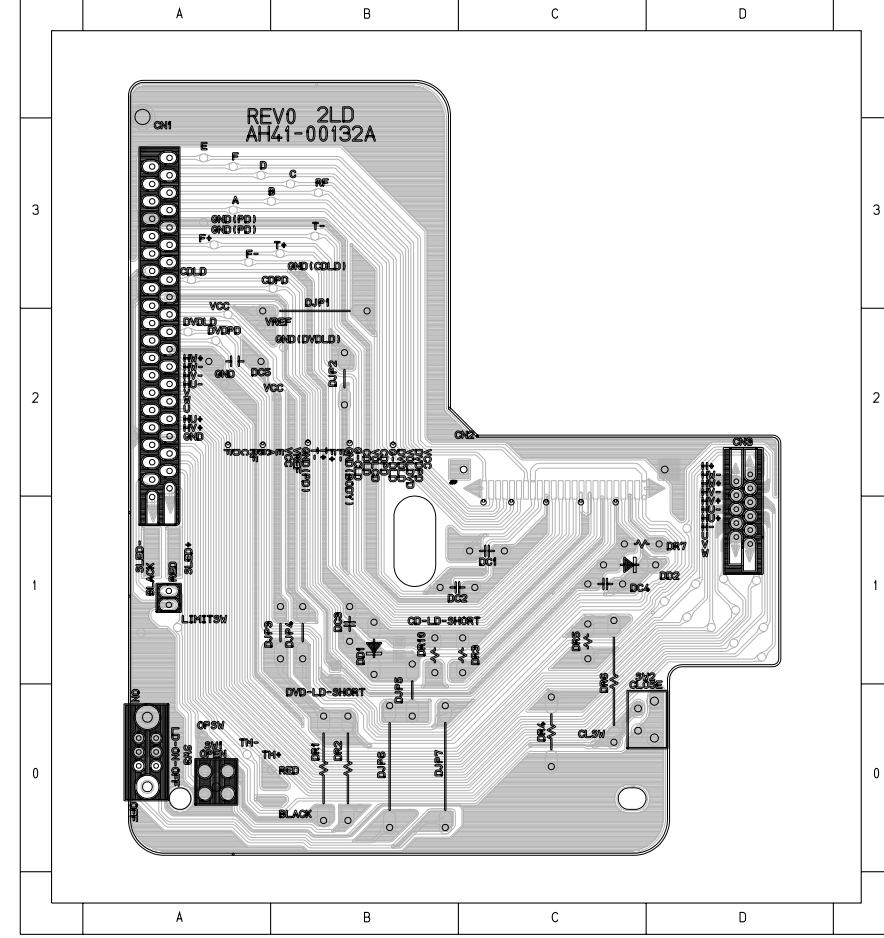




9-4 Function-Timer

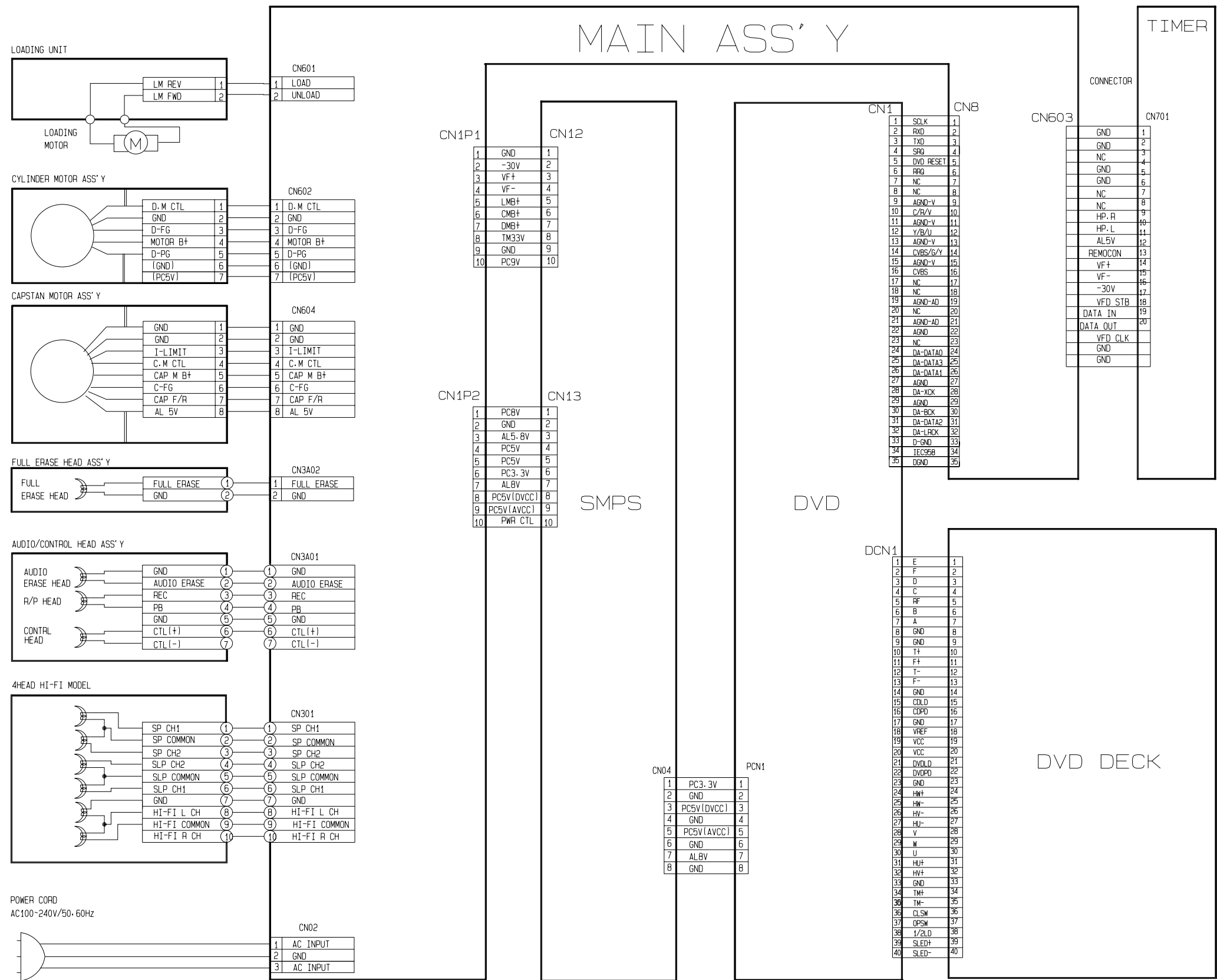


9-5 DVD Deck



MEMO

10. Wiring Diagram



MEMO

11. Schematic Diagrams

◆ Block Identification of Main PCB	11-2
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11-1 S.M.P.S.	11-3
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11-2 Power Drive	11-4
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11-3 Function-Timer	11-5
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VCR Main PCB

11-4 System Control/Servo	11-6
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11-5 A/V	11-7
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11-6 TM-Block	11-8
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11-7 Digital Audio	11-9
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11-8 Hi-Fi	11-10
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11-9 OSD	11-11
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11-10 Input-Output	11-12
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11-11 A2/NICAM	11-13
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11-12 SECAM (OPTION)	11-14
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DVD Main PCB

11-13 DVD Main-Micom	11-15
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11-14 Servo	11-16
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11-15 AV Decoder	11-17
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11-16 DVD Deck	11-18
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Note

For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.


Special note :

Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

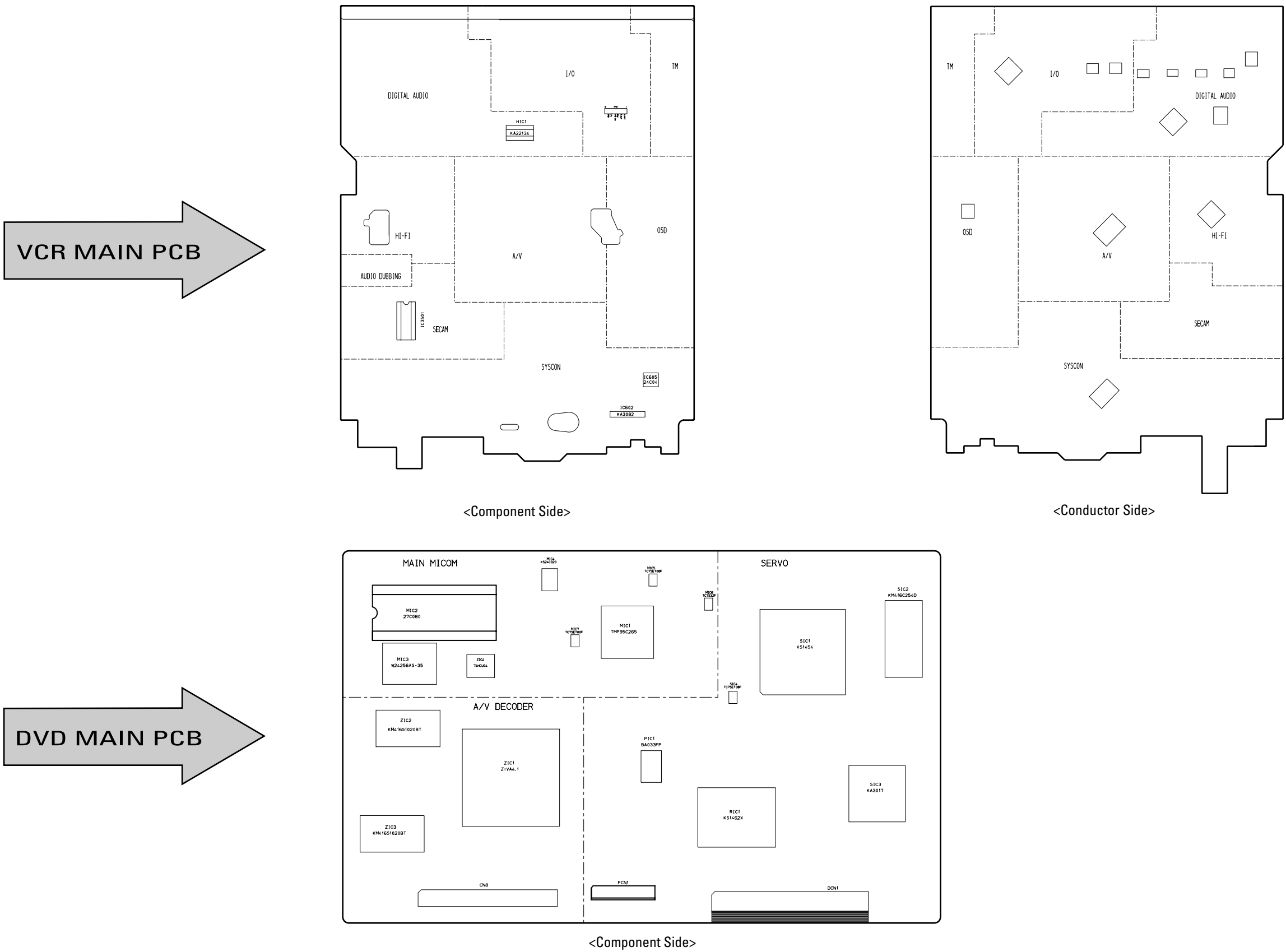
Note :

Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

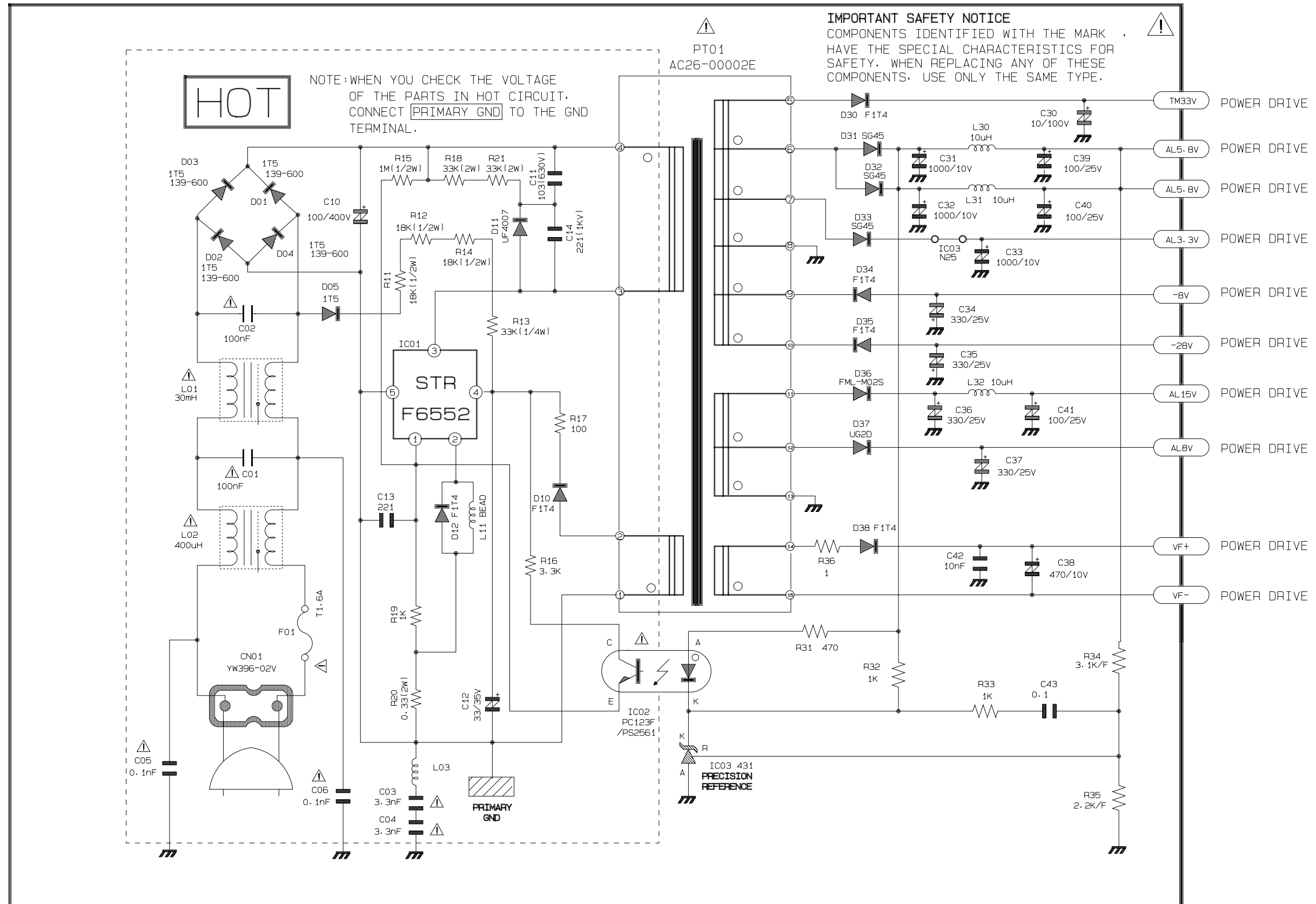
Important safety notices :

Components identified with the mark  have the special characteristics for safety. When replacing any of these components. Use only the same type.

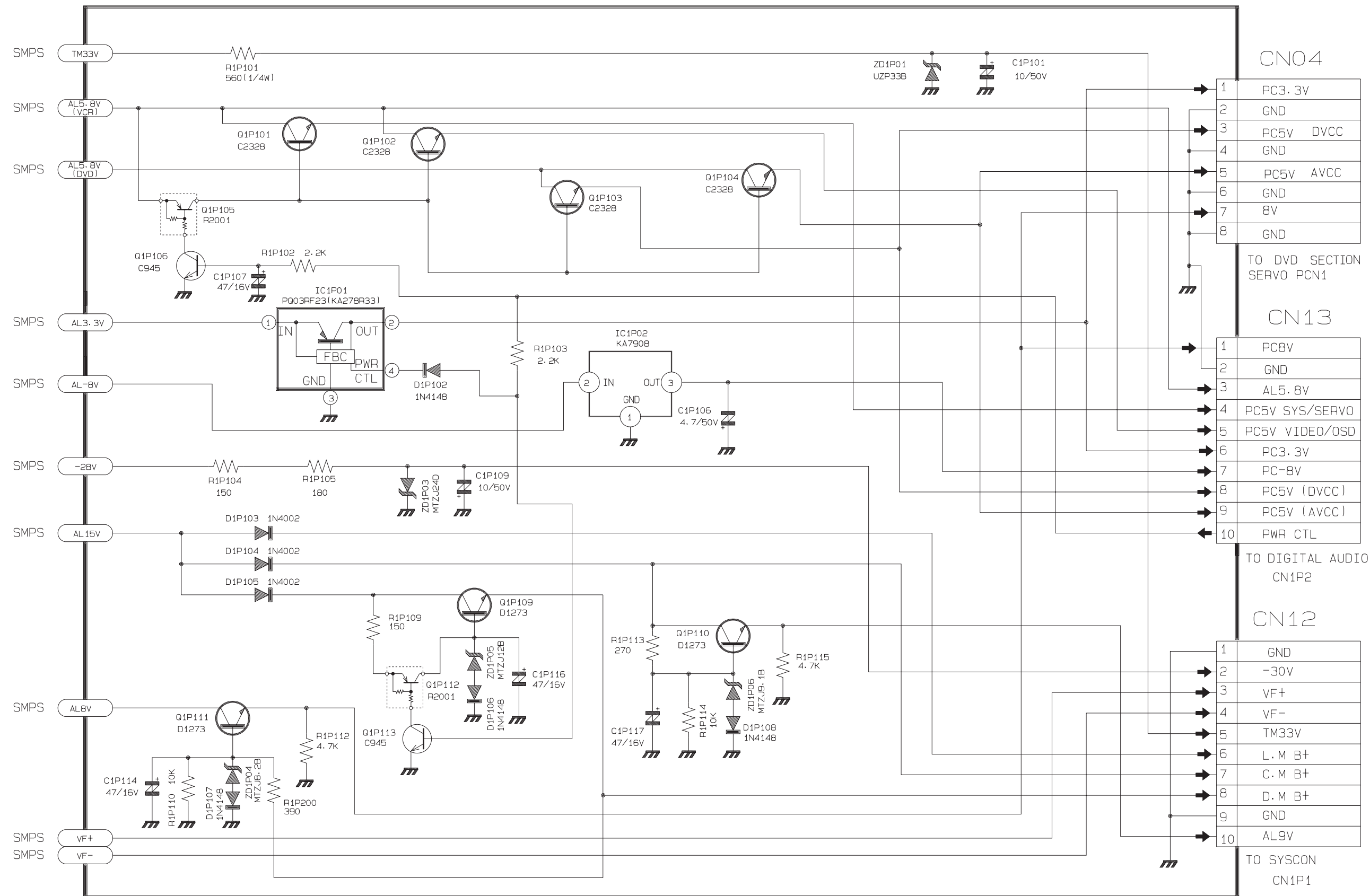
◆ Block Identification of Main PCB



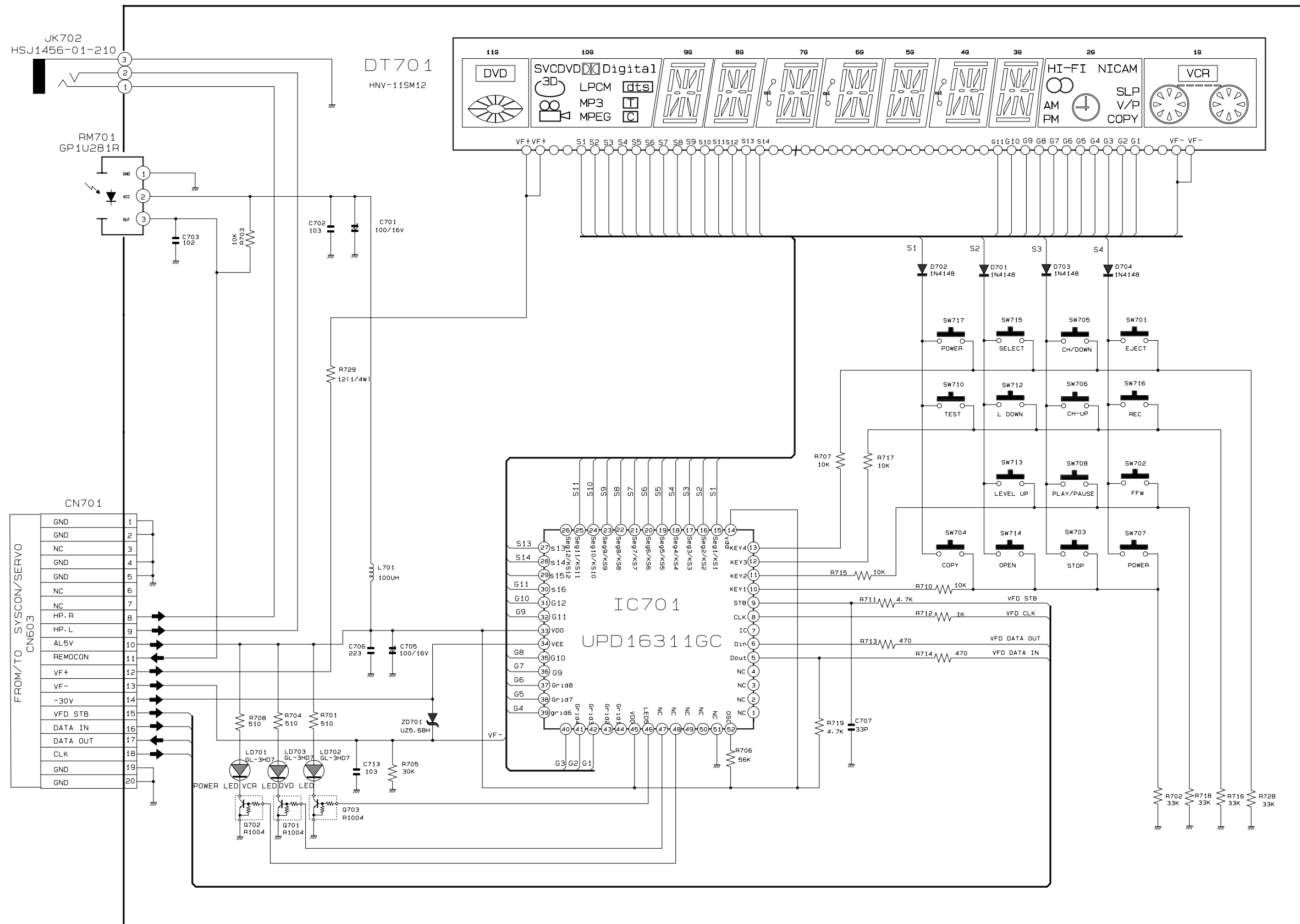
11-1 S.M.P.S.



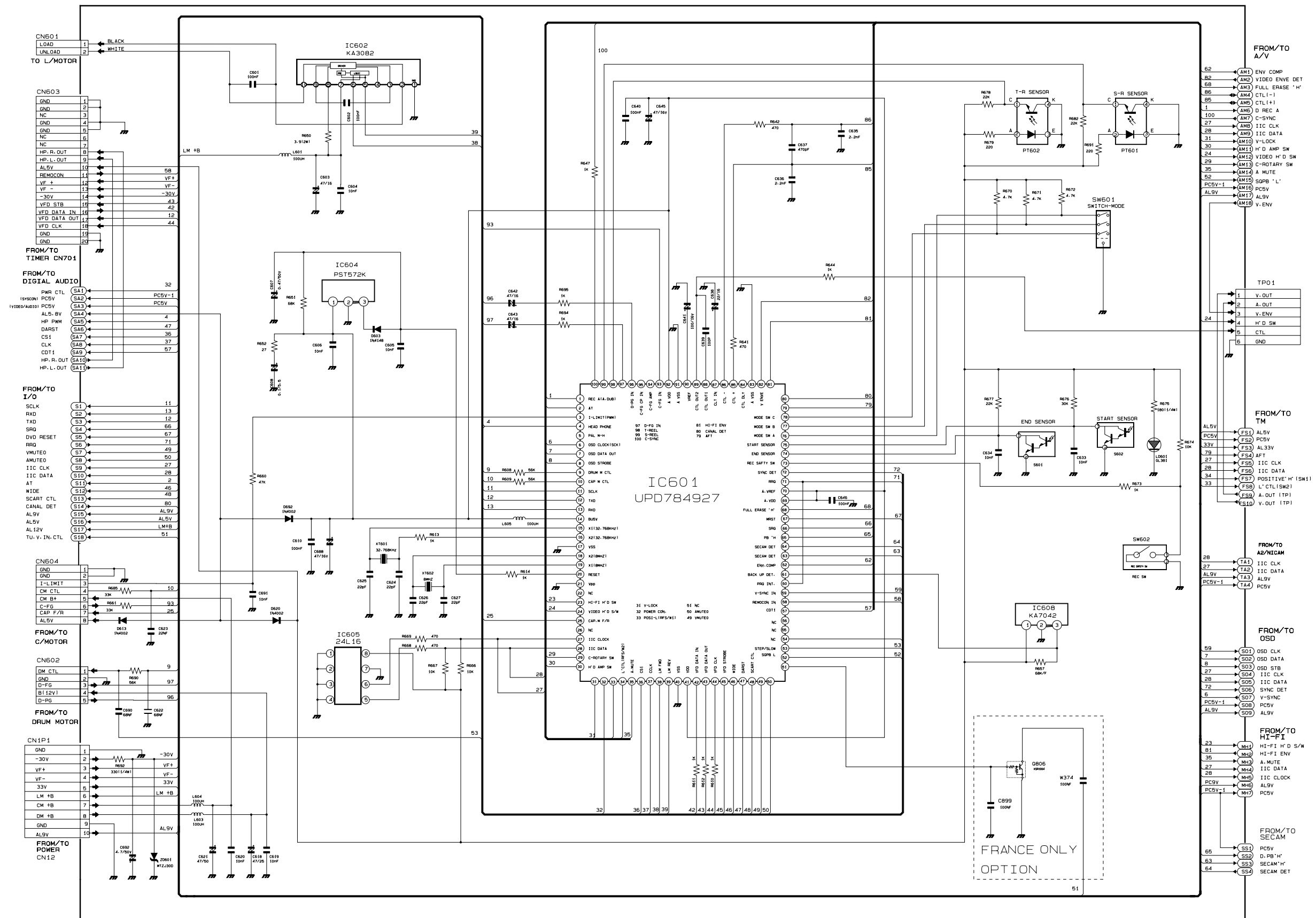
11-2 Power Drive



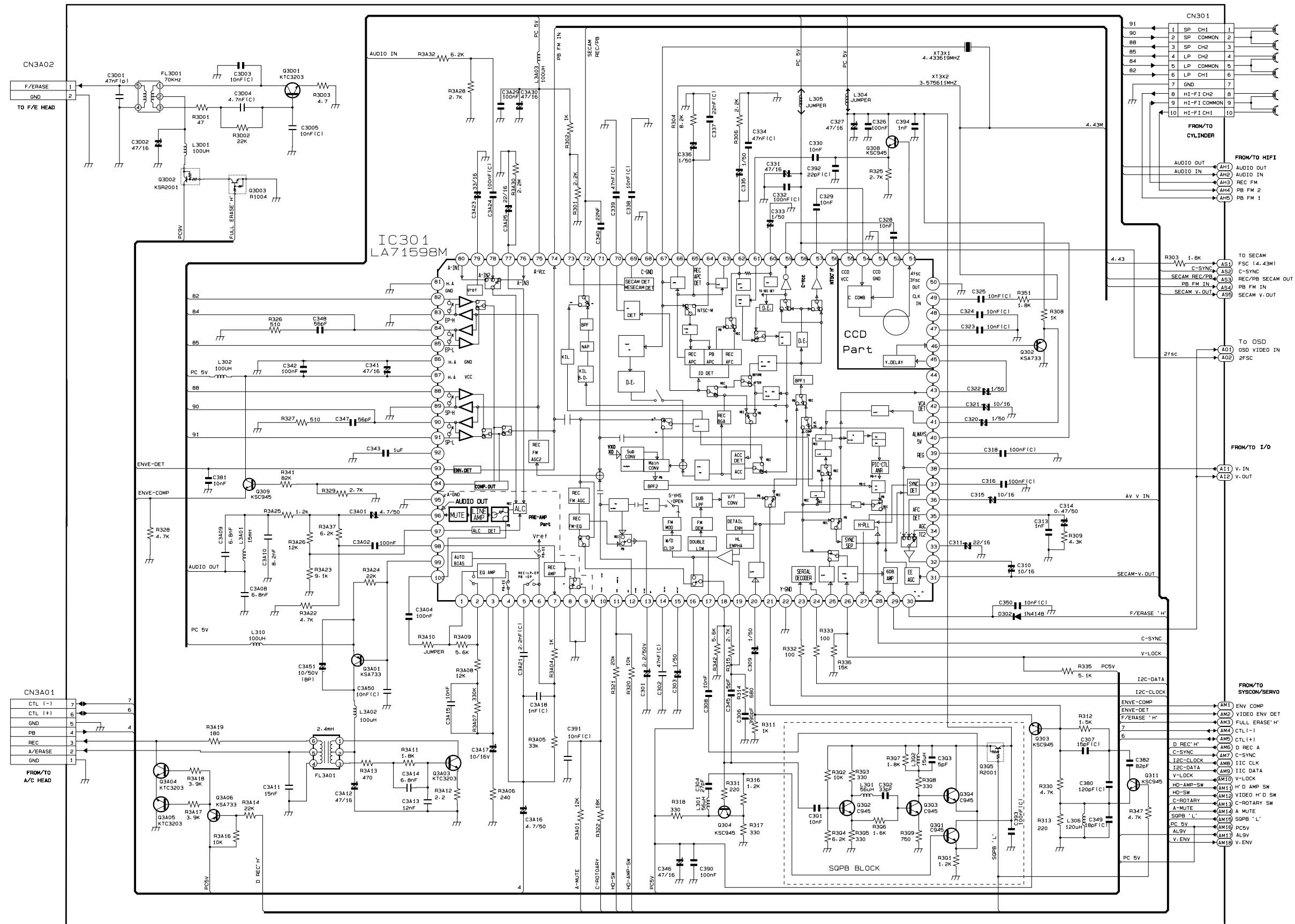
11-3 Function-Timer



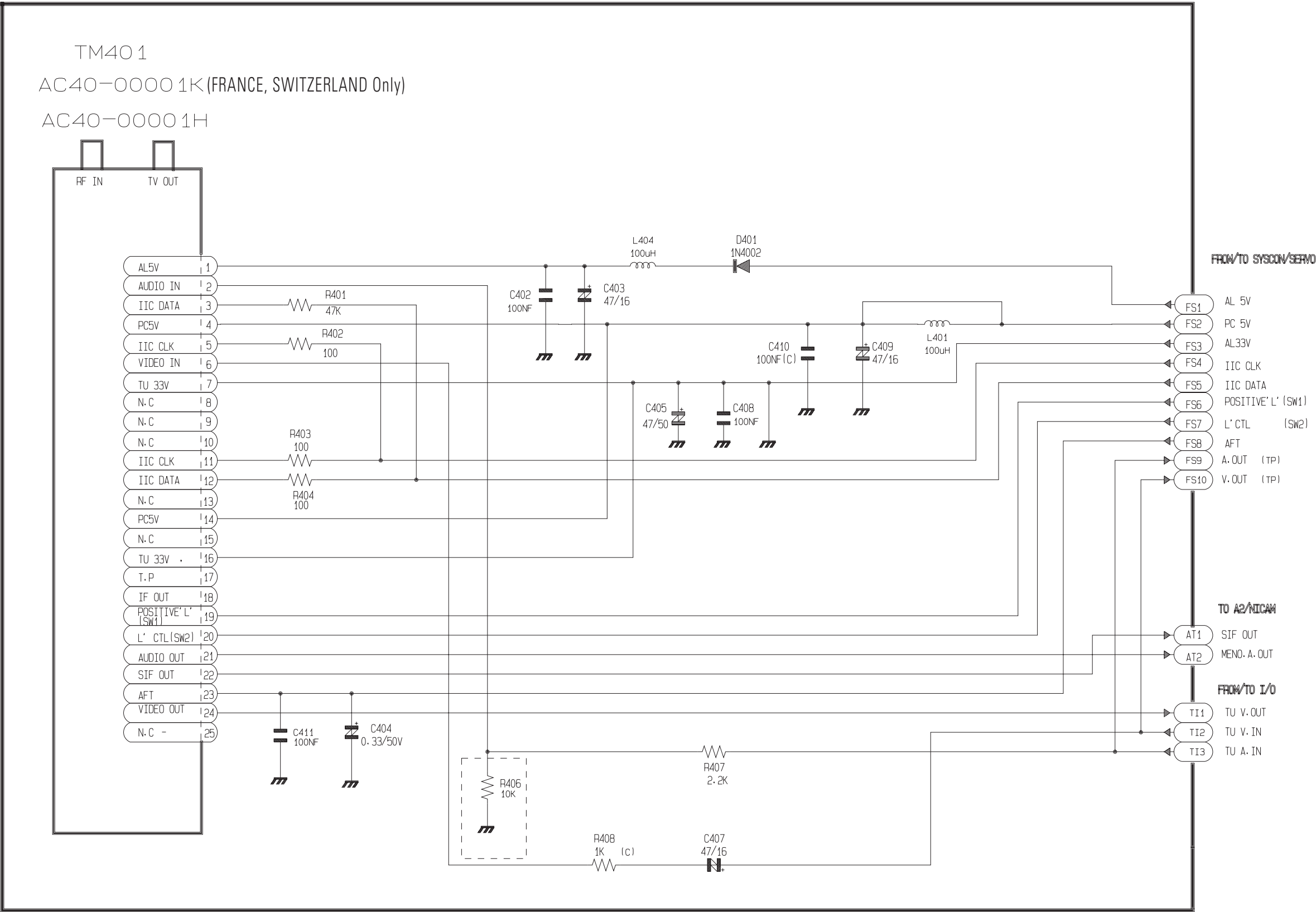
11-4 System Control/Servo



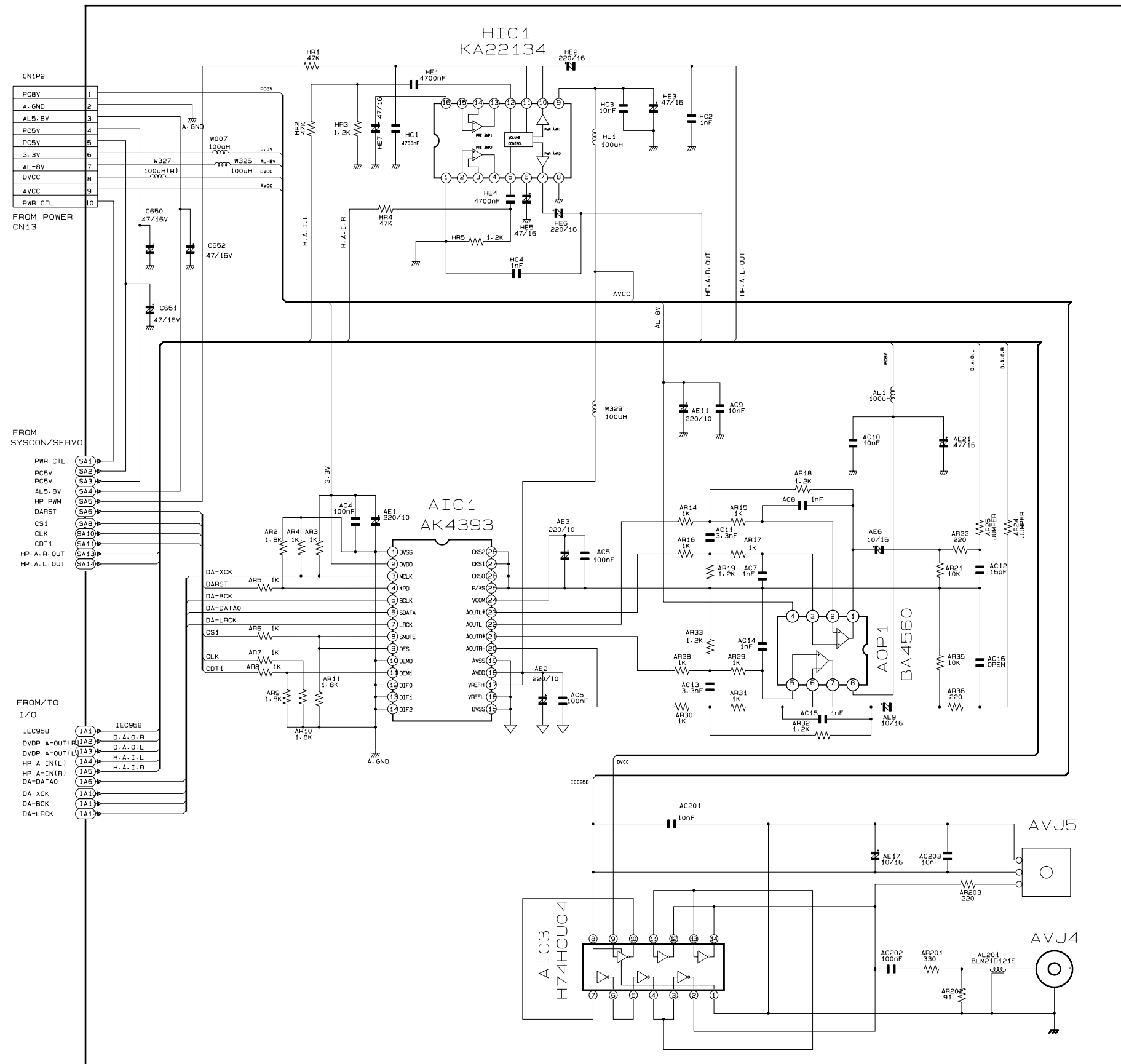
11-5 A/V



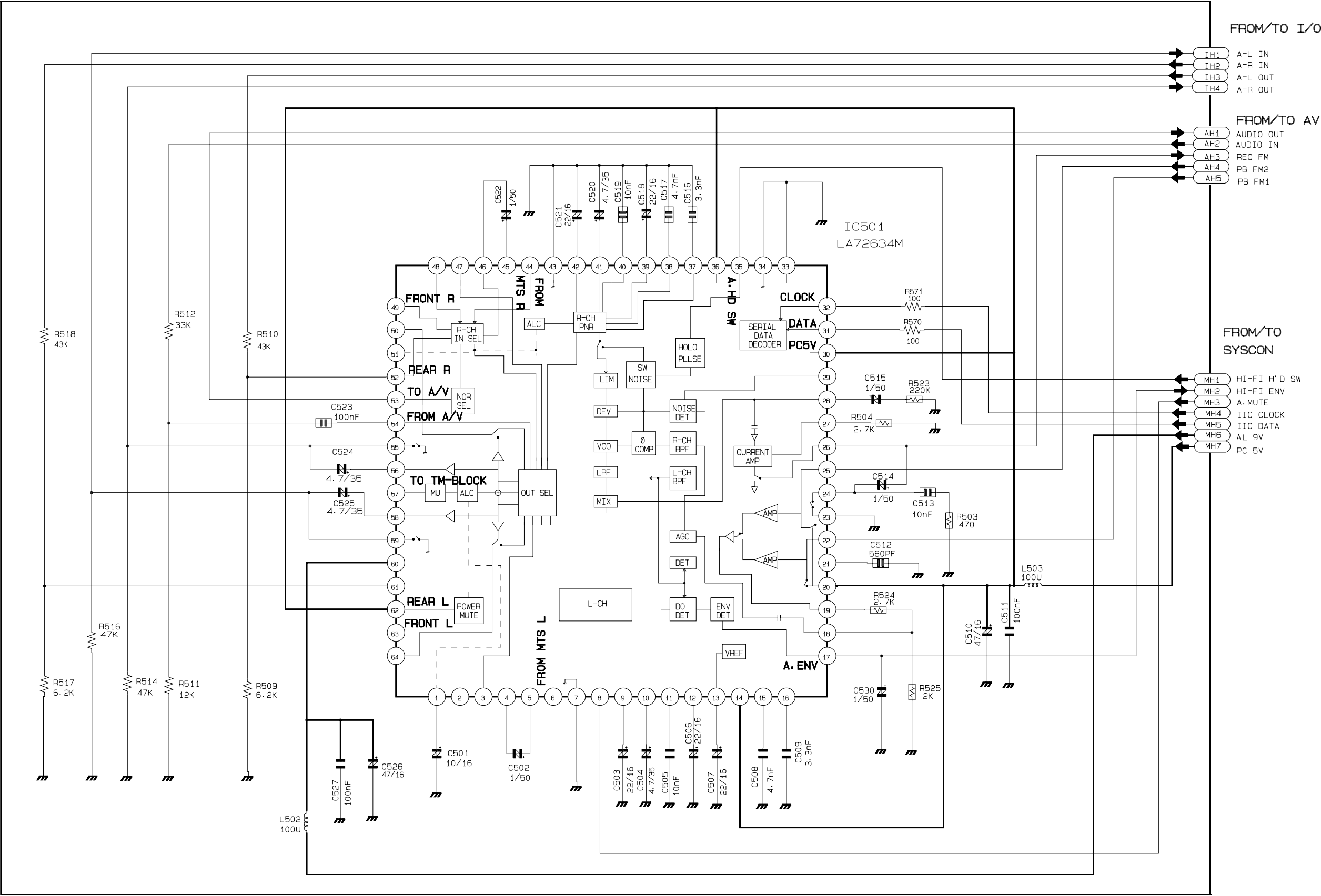
11-6 TM-Bloc



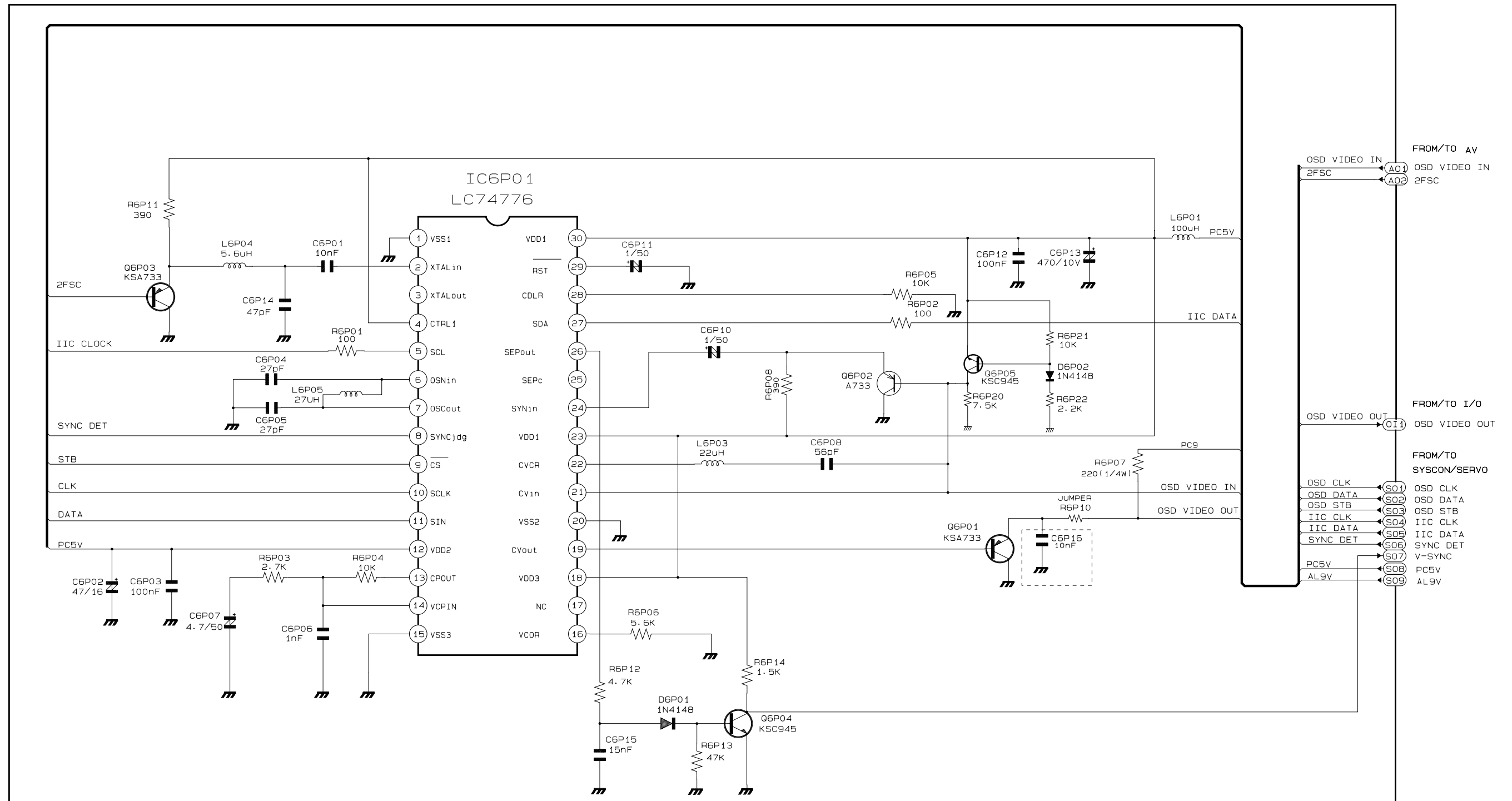
11-7 Digital Audio



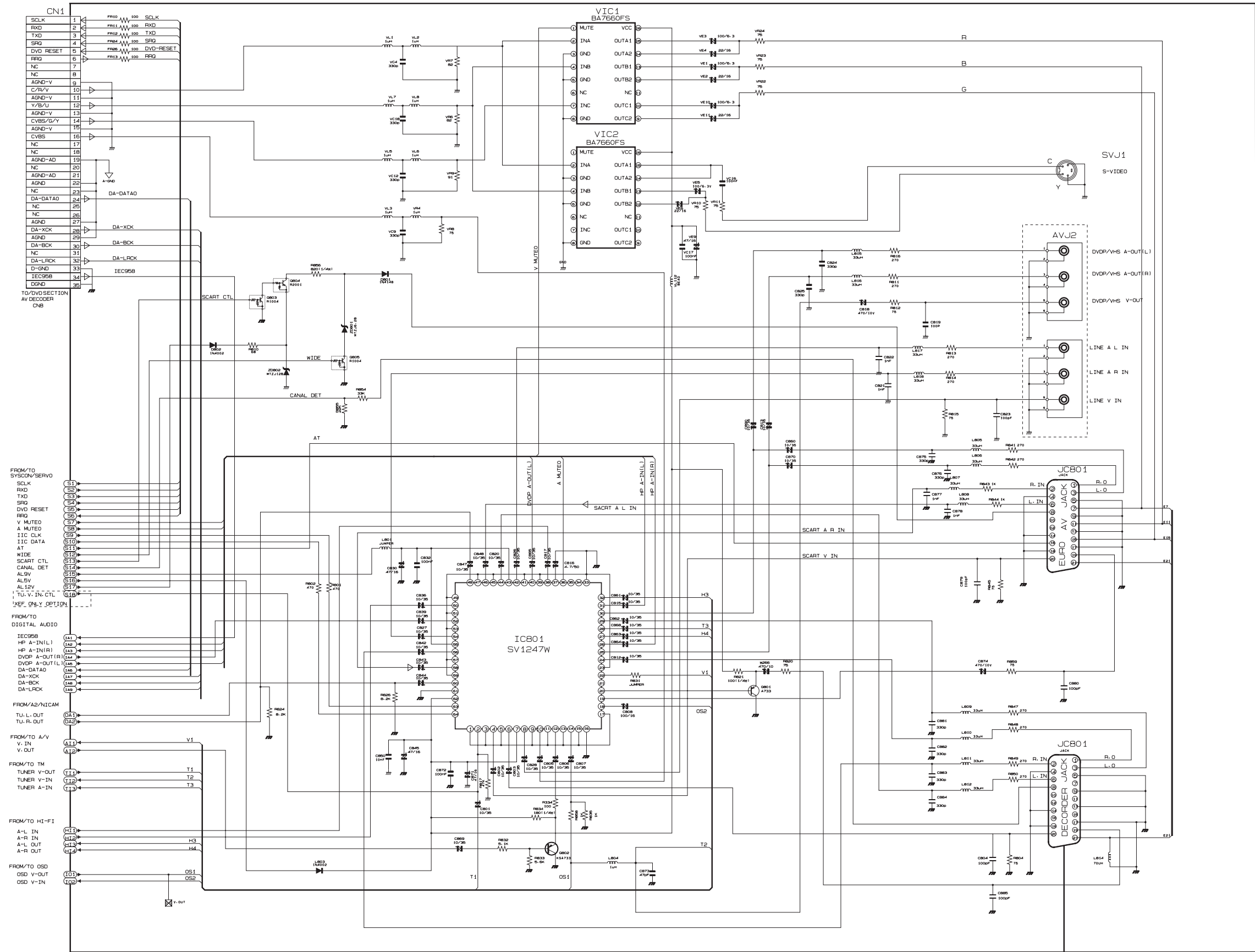
11-8 Hi-Fi



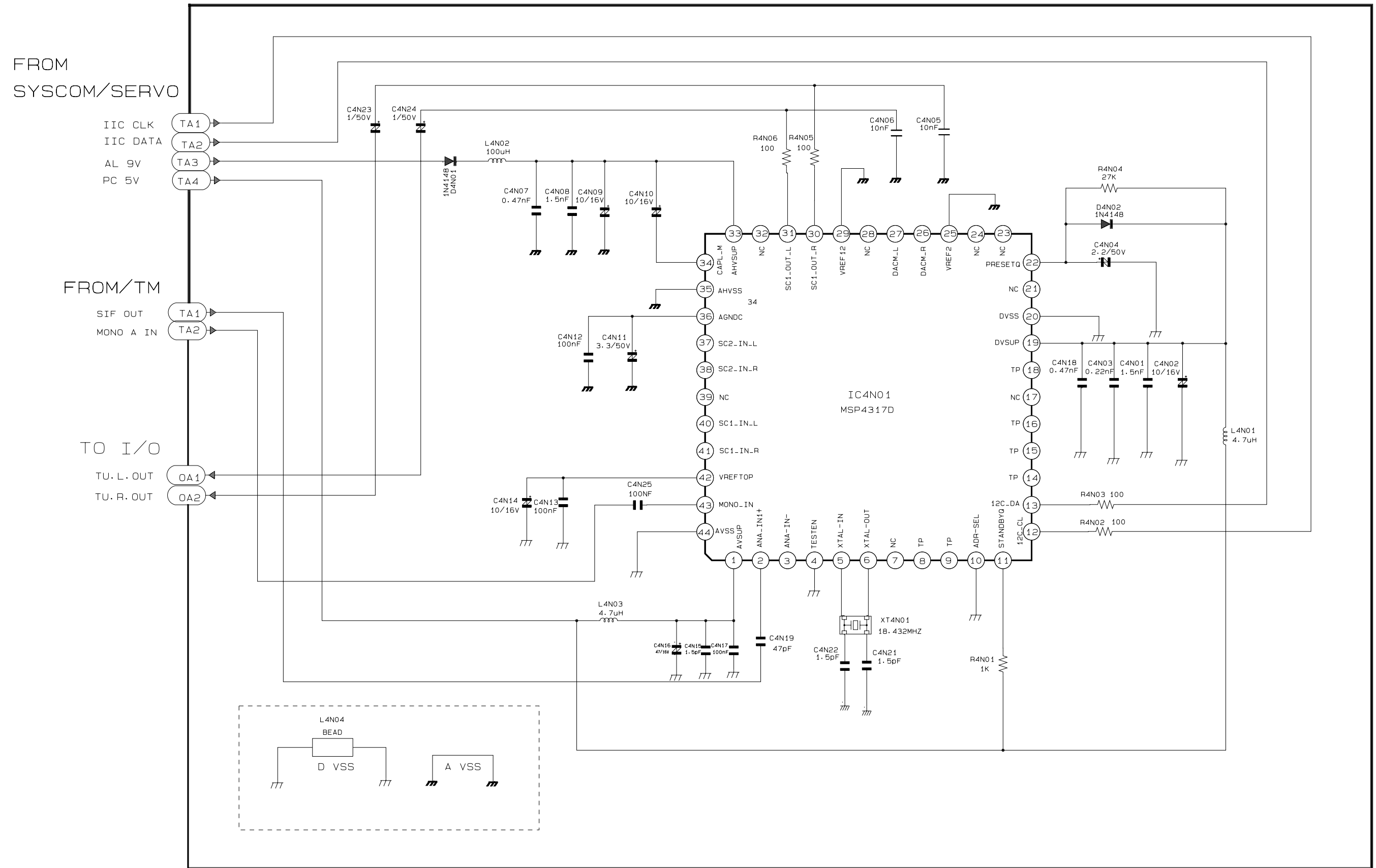
11-9 OSD



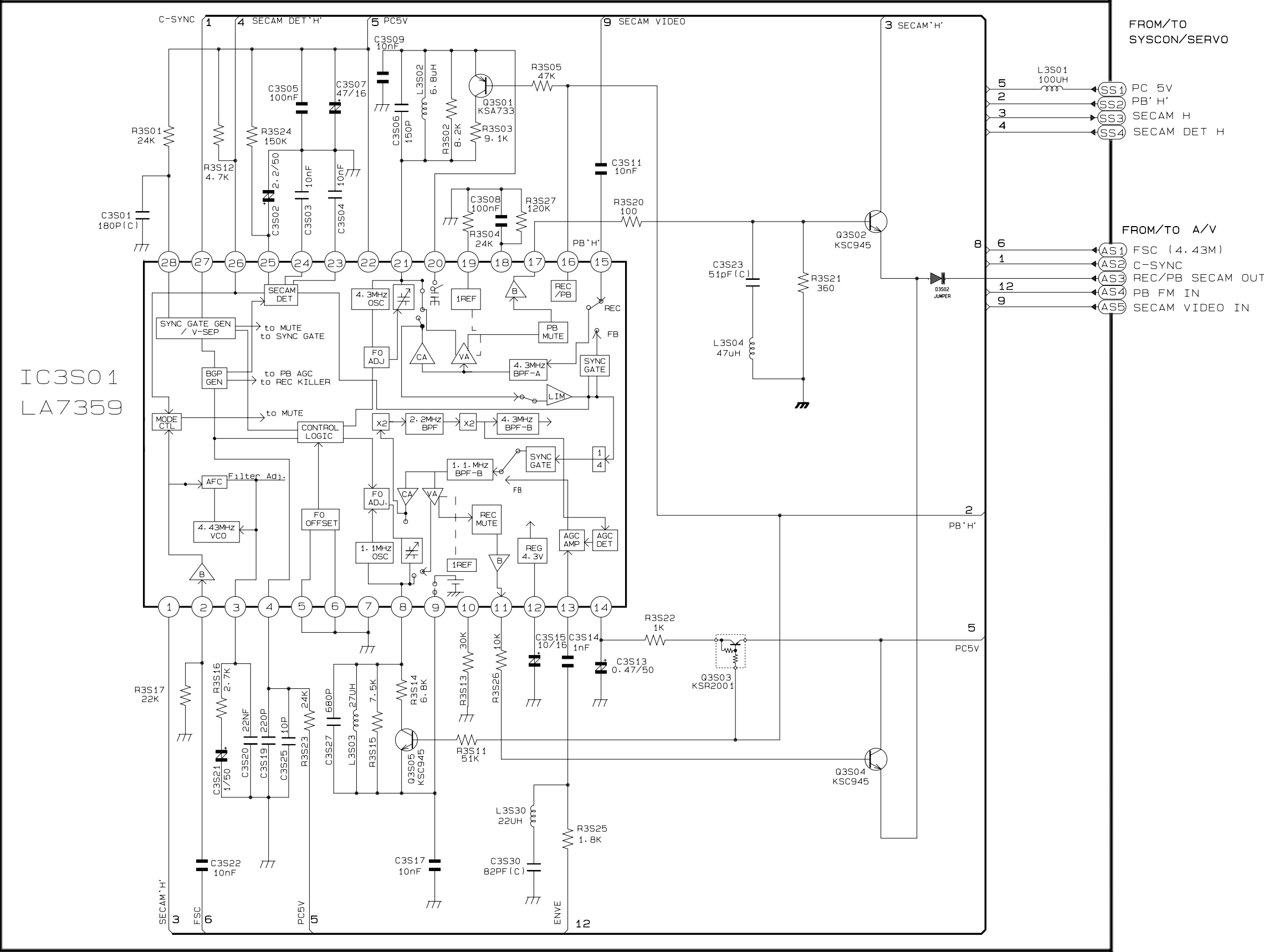
11-10 Input-Output



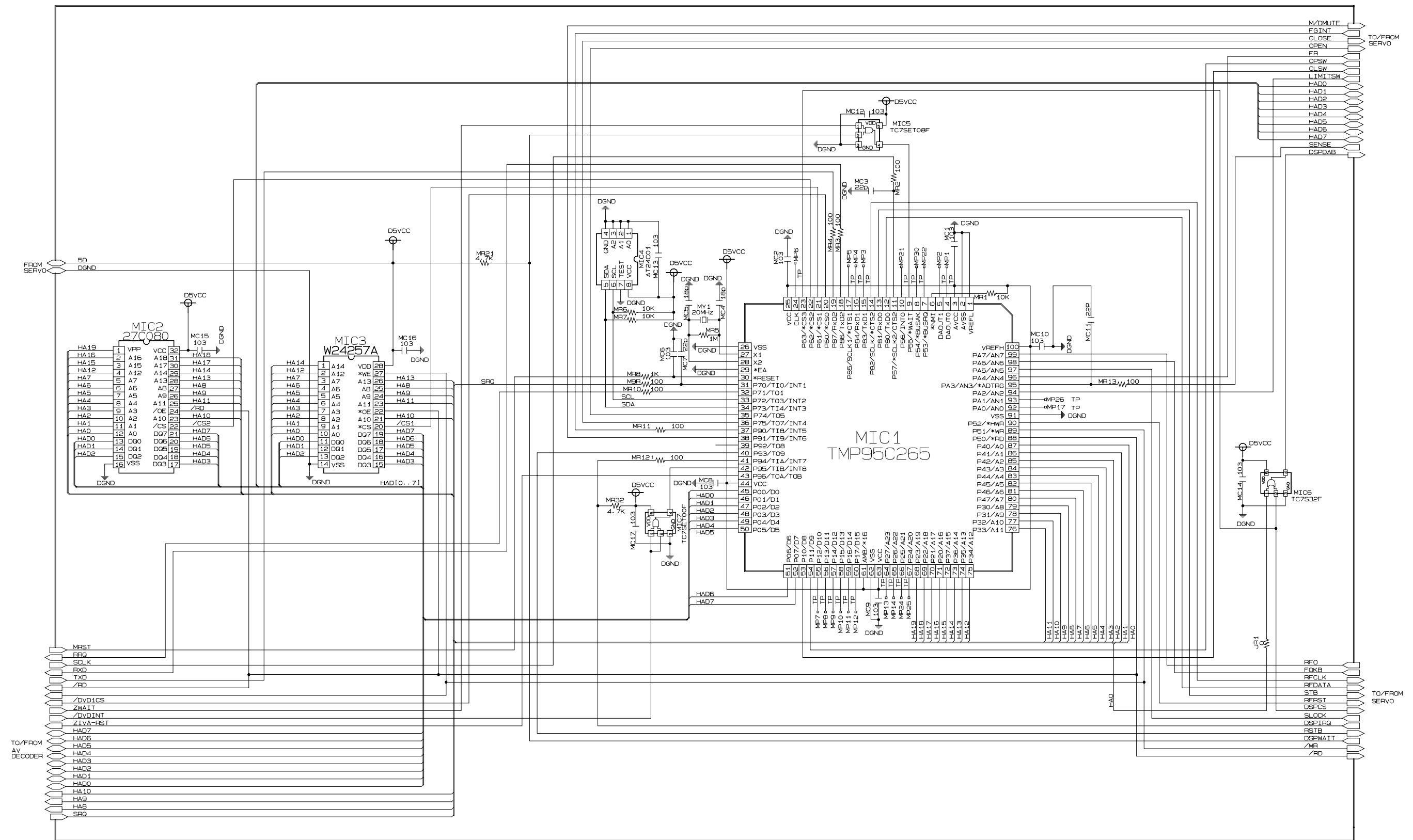
11-11 A2/NICAM



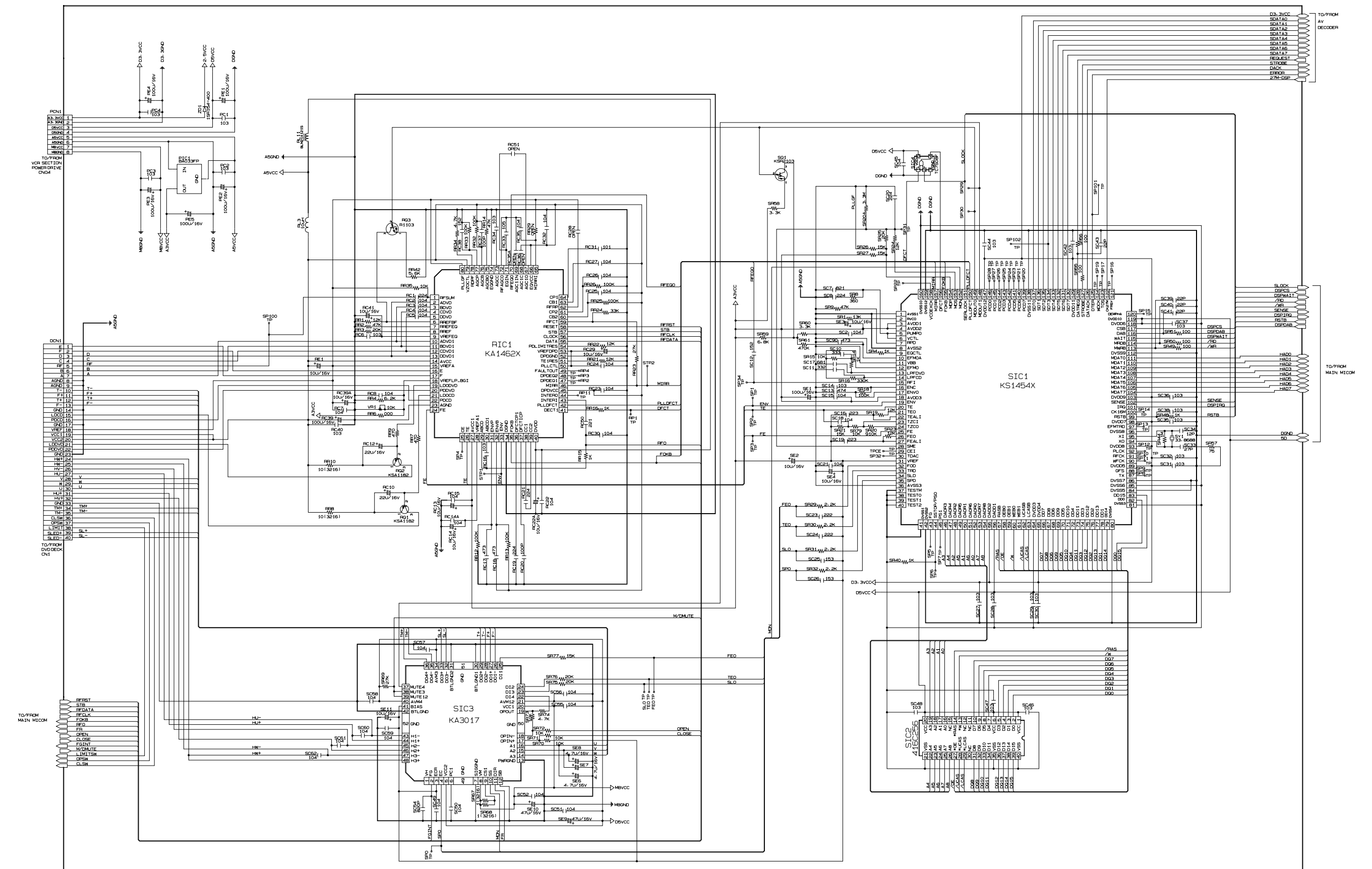
11-12 SECAM (OPTION)



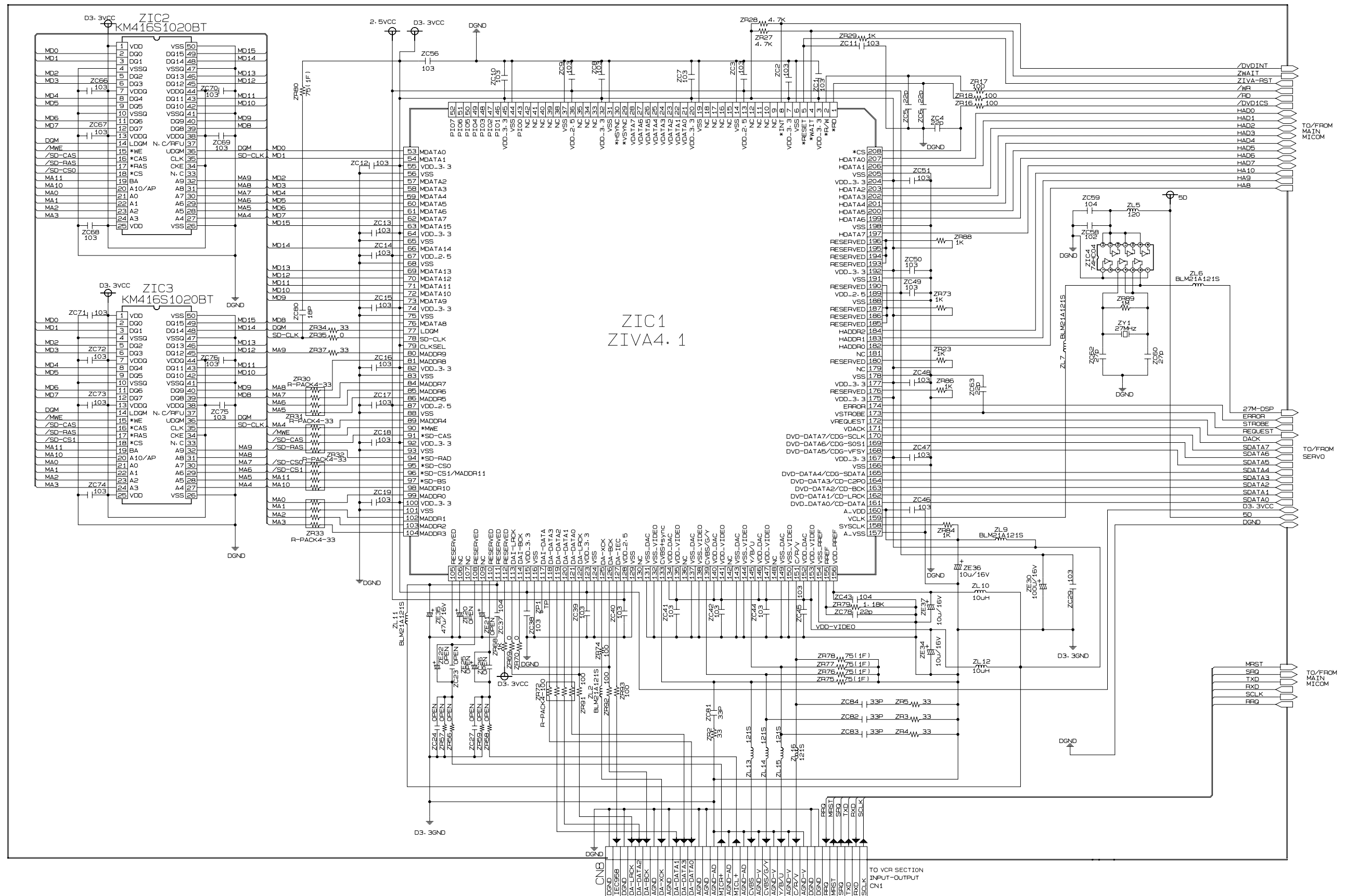
11-13 DVD Main-Micom



11-14 Servo



11-15 AV Decoder



11-16 DVD Deck

